

Catalent, Inc.
 Form 424B3
 September 08, 2016
Table of Contents

Filed Pursuant to Rule 424(b)(3)
 Registration No. 333-211872

CALCULATION OF REGISTRATION FEE

| Title of Each Class of Securities to be Registered | Amount To Be Registered | Proposed Maximum Offering Price Per Share | Proposed Maximum Aggregate Offering Price | Amount of Registration Fee |
|---|--------------------------------|--|--|-----------------------------------|
| Common Stock, par value \$0.01 per share | 18,991,827 | \$23.52 ⁽¹⁾ | \$446,687,771.04 | \$44,981.46 |

- (1) Estimated solely for purposes of calculating the registration fee. In accordance with Rule 457(c) and Rule 457(r) of the Securities Act of 1933, as amended, the prices shown are based on the average of the high and low prices reported for Catalent, Inc.'s common stock on the New York Stock Exchange on September 7, 2016.

Table of Contents**Prospectus Supplement**

(To Prospectus dated June 6, 2016)

18,991,827 Shares**Catalent, Inc.****Common Stock**

The selling stockholders named in this prospectus supplement are offering 18,991,827 shares of common stock of Catalent, Inc. We will not receive any proceeds from the sale of our common stock by the selling stockholders.

Our common stock is listed on the New York Stock Exchange, or NYSE, under the symbol **CTLT**. On September 6, 2016, the closing sales price of our common stock as reported on the NYSE was \$25.28 per share.

See **Risk Factors** beginning on page 7 of this prospectus supplement and in our other filings with the Securities and Exchange Commission incorporated by reference in this prospectus supplement or the accompanying prospectus to read about factors you should consider before buying shares of our common stock.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the accuracy or adequacy of this prospectus supplement or the accompanying prospectus. Any representation to the contrary is a criminal offense.

| | Per Share | Total |
|---|------------------|-------------------|
| Public offering price | \$ 23.85 | \$ 452,995,073.95 |
| Underwriting discounts and commissions | \$ 0.27 | \$ 5,127,793.29 |
| Proceeds, before expenses, to the selling stockholders ⁽¹⁾ . | \$ 23.58 | \$ 447,827,280.66 |

(1) We have agreed to reimburse the underwriters for certain FINRA-related expenses. See Underwriting. The underwriters expect to deliver the shares against payment in New York, New York on or about September 9, 2016.

Goldman, Sachs & Co.

**Deutsche Bank Securities
Prospectus supplement dated September 6, 2016.**

Morgan Stanley

Table of Contents

TABLE OF CONTENTS

Prospectus Supplement

| | |
|---|-------------|
| | Page |
| <u>Summary</u> | S-1 |
| <u>Risk Factors</u> | S-7 |
| <u>Forward-Looking Statements</u> | S-11 |
| <u>Use of Proceeds</u> | S-12 |
| <u>Price Range of Common Stock</u> | S-13 |
| <u>Principal and Selling Stockholders</u> | S-14 |
| | Page |
| <u>Material U.S. Federal Income and Estate Tax Consequences to Non-U.S. Holders of Our Common Stock</u> | S-16 |
| <u>Underwriting</u> | S-20 |
| <u>Legal Matters</u> | S-29 |
| <u>Experts</u> | S-29 |
| <u>Where You Can Find More Information</u> | S-29 |
| <u>Information Incorporated by Reference</u> | S-29 |

Prospectus

| | |
|--|-------------|
| | Page |
| <u>Summary</u> | 1 |
| <u>Risk Factors</u> | 2 |
| <u>Forward-Looking Statements</u> | 3 |
| <u>Trademarks and Service Marks</u> | 3 |
| <u>Use of Proceeds</u> | 4 |
| <u>Selling Stockholders</u> | 5 |
| | Page |
| <u>Description of Capital Stock</u> | 6 |
| <u>Plan of Distribution</u> | 14 |
| <u>Legal Matters</u> | 16 |
| <u>Experts</u> | 16 |
| <u>Where You Can Find More Information</u> | 16 |
| <u>Information Incorporated by Reference</u> | 16 |

Neither we, the selling stockholders nor the underwriters have authorized anyone to provide you with information different from that contained in or incorporated by reference in this prospectus supplement, the accompanying prospectus or any free writing prospectus prepared by us or on our behalf. Neither we, the

selling stockholders nor the underwriters take any responsibility for, or can provide any assurance as to the reliability of, any information other than the information contained or incorporated by reference in this prospectus supplement, the accompanying prospectus or any free writing prospectus prepared by us or on our behalf. We, the selling stockholders and the underwriters are offering to sell, and seeking offers to buy, shares of our common stock only in jurisdictions where offers and sales are permitted.

You should assume that the information appearing or incorporated by reference in this prospectus supplement, the accompanying prospectus or any free writing prospectus prepared by us is accurate only as of their respective dates or on the date or dates which are specified in such documents, and that any information in documents that we have incorporated by reference is accurate only as of the date of such document incorporated by reference. Our business, financial condition, liquidity, results of operations and prospects may have changed since those dates.

This document is in two parts. The first part is this prospectus supplement, which describes the terms of this offering of common stock and also adds to and updates information contained in the accompanying prospectus and the documents incorporated by reference into this prospectus supplement and the accompanying prospectus. The second part, the accompanying prospectus dated June 6, 2016, including the documents incorporated by reference therein, provides more general information. Generally, when we refer to this prospectus, we are referring to both parts of this document combined. To the extent there is a conflict between the information contained in this prospectus supplement, on the one hand, and the information contained in the accompanying prospectus or in any document incorporated by reference that was filed with the Securities and Exchange Commission, or SEC, before the date of this prospectus supplement, on the other hand, you should rely on the information in this prospectus supplement. If any statement in one of these documents is inconsistent with a

Table of Contents

statement in another document having a later date (for example, a document incorporated by reference in this prospectus supplement) the statement in the document having the later date modifies or supersedes the earlier statement.

Except where the context requires otherwise, references in this prospectus supplement to Catalent, the Company, we, us, and our refer to Catalent, Inc., together with its consolidated subsidiaries. In this prospectus supplement, when we refer to our fiscal years, we say fiscal and the year number, as in fiscal 2016, which refers to our fiscal year ended June 30, 2016.

We refer in this prospectus supplement to (i) investment funds associated with or designated by The Blackstone Group L.P. as Blackstone or Sponsor and (ii) our Annual Report on Form 10-K for the fiscal year ended June 30, 2016 as our 2016 Form 10-K.

Table of Contents

SUMMARY

*This summary highlights selected information contained or incorporated by reference in this prospectus supplement or the accompanying prospectus. It does not contain all of the information that you should consider before investing in shares of our common stock. You should carefully read this entire prospectus supplement and the accompanying prospectus, including the factors described or referred to under the heading **Risk Factors** herein and in our 2016 Form 10-K, and the financial statements and related notes and other information incorporated by reference in this prospectus supplement and the accompanying prospectus, before making an investment decision.*

Our Company

We are the leading global provider of advanced delivery technologies and development solutions for drugs, biologics and consumer health products. With over 80 years serving the industry, we have proven expertise in bringing more customer products to market faster, enhancing product performance and ensuring reliable clinical and commercial product supply. We employ approximately 9,200 people, including over 1,400 scientists and technicians, at 33 facilities across five continents and in fiscal 2016 generated more than \$1.8 billion in annual revenue.

For a description of our business, financial condition, results of operations and other important information regarding us, we refer you to our filings with the SEC incorporated by reference in this prospectus supplement and the accompanying prospectus. For instructions on how to find copies of these documents, see **Where You Can Find More Information**.

Catalent, Inc. is a Delaware corporation. Our principal executive offices are located at 14 Schoolhouse Road, Somerset, New Jersey 08873, and our telephone number is (732) 537-6200. We maintain a website at www.catalent.com. The information contained on or accessible through our website neither constitutes part of this prospectus supplement nor is incorporated by reference herein.

Table of Contents

The Offering

The following summary of the offering contains basic information about the offering and our common stock and is not intended to be complete. It does not contain all the information that may be important to you. For a more complete understanding of our common stock, please refer to the section of the accompanying prospectus entitled "Description of Common Stock."

| | |
|--|--|
| Common stock offered by the selling stockholders | 18,991,827 shares. |
| Common stock outstanding | 124,744,437 shares as of August 22, 2016. |
| Use of proceeds | We will not receive any of the proceeds from the sale of shares of common stock by the selling stockholders. |
| Dividend policy | We have no current plan to pay dividends on our common stock. Any decision to declare and pay dividends in the future will be made at the sole discretion of our board of directors and will depend on, among other things, our results of operations, cash requirements, financial condition, contractual restrictions and other factors that our board of directors may deem relevant. |
| Risk factors | See "Risk Factors" for a discussion of risks you should carefully consider before deciding to invest in our common stock. |
| Listing | Our common stock is listed on the NYSE under the symbol "CTLT". |
| | The number of shares of common stock that will be outstanding after this offering is based on the number of shares of our common stock outstanding as of August 22, 2016. The number of issued shares of our common stock as of August 22, 2016 excludes: |
| | 4,918,024 stock options, with a weighted average exercise price of \$18.02 per share and 2,012,822 restricted stock units outstanding under our 2007 Stock Incentive Plan and our 2014 Omnibus Incentive Plan; and |
| | 3,177,262 shares of common stock that may be granted under our 2014 Omnibus Incentive Plan. |

Table of Contents**Summary Financial Data**

We derived the summary statement of operations data and the summary statement of cash flows data for the fiscal years ended June 30, 2016, 2015 and 2014 and the summary balance sheet data as of June 30, 2016 and 2015 from our audited consolidated financial statements incorporated by reference in this prospectus supplement and the accompanying prospectus. Our historical results are not necessarily indicative of the results expected for any future period.

You should read the summary historical financial data below, together with our audited consolidated financial statements and related notes thereto incorporated by reference in this prospectus supplement and the accompanying prospectus, as well as Management's Discussion and Analysis of Financial Condition and Results of Operations in our 2016 Form 10-K incorporated by reference herein.

| | Fiscal Year Ended June 30, | | |
|--|---|-------------|-------------|
| | 2016 | 2015 | 2014 |
| | (dollars in millions, except per | | |
| | share data) | | |
| Statement of Operations Data: | | | |
| Net revenue | \$ 1,848.1 | \$ 1,830.8 | \$ 1,827.7 |
| Cost of sales | 1,260.5 | 1,215.5 | 1,229.1 |
| Gross margin | 587.6 | 615.3 | 598.6 |
| Selling, general and administrative expense | 358.1 | 337.3 | 334.8 |
| Impairment charges and (gain)/loss on sale of assets | 2.7 | 4.7 | 3.2 |
| Restructuring and other | 9.0 | 13.4 | 19.7 |
| Operating earnings | 217.8 | 259.9 | 240.9 |
| Interest expense, net | 88.5 | 105.0 | 163.1 |
| Other (income)/expense, net | (15.6) | 42.4 | 10.4 |
| Earnings from continuing operations before income taxes | 144.9 | 112.5 | 67.4 |
| Income tax expense/(benefit) | 33.7 | (97.7) | 49.5 |
| Earnings from continuing operations | 111.2 | 210.2 | 17.9 |
| Earnings/(loss) from discontinued operations, net of tax | | 0.1 | (2.7) |
| Net earnings/(loss) | 111.2 | 210.3 | 15.2 |
| Less: Net (loss) attributable to noncontrolling interest, net of tax | (0.3) | (1.9) | (1.0) |
| Net earnings attributable to Catalent | 111.5 | 212.2 | 16.2 |
| Basic earnings per share attributable to Catalent common shareholders: | | | |
| Earnings from continuing operations | 0.89 | 1.77 | 0.25 |
| Net earnings | 0.89 | 1.77 | 0.22 |
| Diluted earnings per share attributable to Catalent common shareholders: | | | |

Edgar Filing: Catalent, Inc. - Form 424B3

| | | | |
|-------------------------------------|------|------|------|
| Earnings from continuing operations | 0.89 | 1.75 | 0.25 |
| Net earnings | 0.89 | 1.75 | 0.21 |

S-3

Table of Contents

| | Fiscal Year Ended June 30, | | |
|---|---|-------------|-------------|
| | 2016 | 2015 | 2014 |
| | (dollars in millions, except per share data) | | |
| Balance Sheet Data (at period end)⁽¹⁾: | | | |
| Cash and cash equivalents | \$ 131.6 | \$ 151.3 | |
| Total assets ⁽¹⁾ | 3,091.1 | 3,138.3 | |
| Long term debt, including current portion and other short term borrowing ⁽¹⁾ | 1,860.5 | 1,880.8 | |
| Total liabilities ⁽¹⁾ | 2,455.2 | 2,498.5 | |
| Summary Statement of Cash Flows Data: | | | |
| Net cash provided by (used in) continuing operations: | | | |
| Operating activities | \$ 155.3 | \$ 171.7 | \$ 180.2 |
| Investing activities | (137.7) | (271.8) | (175.2) |
| Financing activities | (30.8) | 196.5 | (42.1) |
| Operational and Other Data: | | | |
| Adjusted EBITDA ⁽²⁾ | \$ 401.2 | \$ 443.1 | \$ 432.3 |
| Capital expenditures | 139.6 | 141.0 | 122.4 |

- (1) In connection with our adoption of ASU 2015-03, *Simplifying the Presentation of Debt Issuance Costs*, as of January 1, 2016, prior year debt balances have been retrospectively adjusted to include a direct deduction of unamortized debt issuance costs, resulting in a reclassification of \$7.1 million of debt issuance costs as of June 30, 2015 to long-term debt, including current portion and other short term borrowing for the respective periods. Prior to the adoption of ASU 2015-03, the unamortized debt issuance costs were included in other assets on our consolidated balance sheets. The unamortized debt issuance costs associated with our revolving credit facility continues to be included within other assets.
- (2) Management measures operating performance based on consolidated earnings from continuing operations before interest expense, expense/(benefit) for income taxes and depreciation and amortization, which is further adjusted for the income or loss attributable to noncontrolling interests (EBITDA from continuing operations). EBITDA from continuing operations is not defined under U.S. generally accepted accounting principles (U.S. GAAP) and is not a measure of operating income, operating performance or liquidity presented in accordance with U.S. GAAP and is subject to important limitations.

We believe that the presentation of EBITDA from continuing operations enhances an investor's understanding of our financial performance. We believe this measure is a useful financial metric to assess our operating performance from period to period by excluding certain items that we believe are not representative of our core business and use this measure for business planning purposes. In addition, given the significant investments that we have made in the past in property, plant and equipment, depreciation and amortization expenses represent a meaningful portion of our cost structure. We believe that disclosing EBITDA from continuing operations provides investors with a useful tool for assessing the comparability between periods of our ability to generate cash from operations sufficient to pay taxes, to service debt and to undertake capital expenditures because it eliminates depreciation and amortization expense.

In measuring our operating performance, and in calculating compliance with covenants in our amended and restated credit agreement dated May 20, 2014 (as amended, the Credit Agreement), we also use from time to time Adjusted EBITDA, another measure not presented in accordance with U.S. GAAP and subject to important limitations. We define Adjusted EBITDA as EBITDA from continuing operations with certain other adjustments noted in the table below. We believe that the presentation of Adjusted EBITDA is useful to investors because it is frequently used by

securities analysts, investors and other interested parties in evaluating the operating performance of companies in industries similar to ours and because it is a compliance measure

S-4

Table of Contents

used in our Credit Agreement. In addition, we use a further adjusted version of Adjusted EBITDA to evaluate our management's performance for purposes of determining their compensation under our incentive plans.

Because not all companies use identical calculations, our presentation of EBITDA from continuing operations and Adjusted EBITDA may not be comparable to other similarly titled measures of other companies. EBITDA from continuing operations and Adjusted EBITDA have important limitations as analytical tools, and investors should not consider them in isolation or as substitutes for analysis of our results as reported under U.S. GAAP. For example, EBITDA from continuing operations and Adjusted EBITDA:

exclude certain tax payments that may represent a reduction in cash available to us;

do not reflect any cash capital expenditure requirement for the assets being depreciated and amortized that may have to be replaced in the future;

do not reflect changes in, or cash requirements for, our working capital needs; and

do not reflect the significant interest expense, or the cash requirements, necessary to service our debt. In calculating Adjusted EBITDA, we add back certain non-cash, non-recurring and other items that are included in EBITDA from continuing operations and consolidated net income, as required in the Credit Agreement. Adjusted EBITDA, among other things:

does not include non-cash stock-based employee compensation expense and certain other non-cash charges;

does not include cash and non-cash restructuring, severance and relocation costs incurred to realize future cost savings and enhance our operations;

adds back noncontrolling interest expense, which represents the minority investors' ownership of certain of our consolidated subsidiaries and is, therefore not available to us; and

includes estimated cost savings that have not yet been fully reflected in our results.

A reconciliation of earnings/(loss) from continuing operations, the most directly comparable U.S. GAAP measure, to EBITDA from continuing operations and Adjusted EBITDA is as follows:

Fiscal Year Ended June 30,
2016 2015 2014
(in millions)

Edgar Filing: Catalent, Inc. - Form 424B3

| | | | |
|--|----------|----------|----------|
| Earnings/(loss) from continuing operations | \$ 111.2 | \$ 210.2 | \$ 17.9 |
| Interest expense, net | 88.5 | 105.0 | 163.1 |
| Depreciation and amortization | 140.6 | 140.8 | 142.9 |
| Income tax (benefit)/expense ^(a) | 33.7 | (97.7) | 49.5 |
| Noncontrolling interest | 0.3 | 1.9 | 1.0 |
| EBITDA from continuing operations | 374.3 | 360.2 | 374.4 |
| Equity compensation | 10.8 | 9.0 | 4.5 |
| Impairment charges and (gain)/loss on sale of assets | 2.7 | 4.7 | 3.2 |
| Financing related expenses and other ^(b) | | 21.8 | 11.0 |
| U.S. GAAP Restructuring | 9.0 | 13.4 | 19.7 |
| Acquisition, integration and other special items | 18.2 | 13.8 | 9.8 |
| Foreign exchange loss/(gain) (included in other, net) ^(c) | (10.5) | (2.7) | (3.5) |
| Other adjustments ^(d) | (3.3) | 22.9 | 0.3 |
| Sponsor advisory fee ^(e) | | | 12.9 |
| Adjusted EBITDA | \$ 401.2 | \$ 443.1 | \$ 432.3 |

S-5

Table of Contents

- (a) Represents the amount of income tax-related expense/(benefit) recorded within our net earnings/(loss) that may not result in cash payment or receipt.
- (b) Financing-related expenses for the three months ended September 30, 2014 include \$20.6 million of early debt termination expenses incurred in connection with the repayment of debt with the net proceeds of the IPO. See footnote (d) below for an additional \$29.8 million of IPO-related costs, totaling \$50.4 million.
- (c) Foreign exchange gain of \$10.5 million for fiscal 2016 includes \$16.3 million of unrealized foreign currency exchange rate gains primarily driven by gains of \$9.0 million related to inter-company loans denominated in a currency different from the functional currency of either the borrower or the lender, partially offset by foreign currency exchange gains of \$3.8 million driven by the ineffective portion of the net investment hedge related to the Euro-denominated debt. The foreign exchange adjustment was also affected by the exclusion of realized foreign currency exchange rate losses from the non-cash and cash settlement of inter-company loans of \$5.8 million. Inter-company loans are between our entities and do not reflect the ongoing results of our trade operations.

Foreign exchange gain of \$2.7 million for fiscal 2015 included \$16.4 million of unrealized foreign currency exchange rate gains primarily driven by losses of \$31.4 million related to inter-company loans denominated in a currency different from the functional currency of either the borrower or the lender, partially offset by foreign currency exchange gains of \$47.8 million driven by the ineffective portion of the net investment hedge related to the Euro-denominated debt. The foreign exchange adjustment was also affected by the exclusion of realized foreign currency exchange rate losses from the non-cash and cash settlement of inter-company loans of \$13.7 million. Inter-company loans are between our entities and do not reflect the ongoing results of our trade operations.

- (d) Other Adjustments for fiscal 2015 includes \$29.8 million for a sponsor advisory agreement termination fee paid in connection with the IPO. See footnote (b) above for an additional \$20.6 million of IPO-related costs, totaling \$50.4 million.
- (e) Represents the amount of sponsor advisory fee for fiscal 2014. The sponsor advisory fee agreement was terminated in connection with the completion of our IPO.

Table of Contents

RISK FACTORS

Investing in our common stock involves risks. You should carefully consider the risks and uncertainties described below as well as those contained in our 2016 Form 10-K, including our consolidated financial statements and the related notes, which are incorporated by reference into this prospectus supplement and the accompanying prospectus. These risks could materially affect our business, results of operations or financial condition and cause the value of our common stock to decline. You could lose all or part of your investment.

Risks Related to this Offering and Ownership of Our Common Stock

Our stock price may change significantly, and you may not be able to resell shares of our common stock at or above the price you paid or at all, and you could lose all or part of your investment as a result.

The trading price of our common stock has been, and continues to be, volatile. Since shares of our common stock were offered for sale in our initial public offering on July 31, 2014 through September 6, 2016, our common stock price ranged from \$18.92 to \$34.42. The trading price of our common stock may be adversely affected due to a number of factors such as those listed in Risk Factors Risks Related to Our Business and Industry included in our 2016 Form 10-K and incorporated herein by reference and the following:

results of operations that vary from the expectations of securities analysts or investors;

results of operations that vary from those of our competitors;

changes in expectations as to our future financial performance, including financial estimates and investment recommendations by securities analysts or investors;

declines in the market prices of stocks generally, or those of pharmaceutical or other healthcare companies;

strategic actions by us or our competitors;

announcements by us or our competitors of significant contracts, new products, acquisitions, joint marketing relationships, joint ventures, other strategic relationships or capital commitments;

changes in general economic or market conditions or trends in our industry or markets;

changes in business or regulatory conditions or regulatory actions taken with respect to our business or the business of any of our competitors or customers;

future sales of our common stock or other securities;

investor perceptions of the investment opportunity associated with our common stock relative to other investment alternatives;

the public response to press releases or other public announcements by us or third parties, including our filings with the Securities and Exchange Commission (the "SEC");

announcements relating to litigation;

guidance, if any, that we provide to the public, any change in this guidance or any failure to meet this guidance;

the development and sustainability of an active trading market for our stock;

changes in accounting principles or our application of these principles to our business; and

other events or factors, including those resulting from natural disasters, hostilities, acts of terrorism, geopolitical activity or responses to these events.

S-7

Table of Contents

Broad market and industry fluctuations may adversely affect the market price of our common stock, regardless of our actual operating performance. In addition, price volatility may be greater if the public float or trading volume of our common stock is low, and the amount of public float on any given day can vary depending on whether our stockholders choose to hold for the long term.

Following periods of market volatility, stockholders have been known to institute securities class action litigation in order to recover their resulting losses. If we become involved in securities litigation, it could have a substantial cost and divert resources and the attention of senior management from our business regardless of the outcome of such litigation.

Because we have no plan to pay cash dividends on our common stock for the foreseeable future, you may not receive any return on your investment in your stock unless you sell it for a net price greater than that which you paid for it.

We currently intend to retain future earnings, if any, for future operations, expansion and debt repayment and have no current plan to pay any cash dividend for the foreseeable future. Our board of directors has also authorized a stock buyback program that we may use from time to time to purchase our common stock. Any future decision to pay a dividend, and the amount and timing of any future dividend on shares of our common stock will be at the sole discretion of our board of directors. Our board of directors may take into account, when deciding whether or how to pay a dividend, numerous factors, including general and economic conditions, our financial condition and results of operations, our available cash and current and anticipated cash needs, possible future alternative deployments of our cash, our future capital requirements, contractual, legal, tax and regulatory restrictions and implications on the payment of dividends by us to our stockholders or by our subsidiaries to us and such other factors as our board of directors may deem relevant. In addition, our ability to pay dividends is limited by covenants in the agreements governing our outstanding indebtedness and may be limited by covenants of any future indebtedness we or our subsidiaries incur. As a result, you may not receive any return on an investment in our common stock unless you sell our common stock for a price greater than that which you paid for it, taking into account any applicable commission or other costs of acquisition or sale.

If securities analysts do not publish research or reports about our business or if they downgrade our stock or our sector, our stock price and trading volume could decline.

The trading market for our common stock has been affected in part by the research and reports that industry and financial analysts publish about us or our business. We do not control these analysts. Furthermore, if one or more of the analysts who cover us downgrade our stock or our industry, change their views regarding the stock of any of our competitors, or other healthcare sector companies, or publish inaccurate or unfavorable research about our business, the market price of our stock could decline. If one or more of these analysts ceases coverage of the Company or fails to publish reports on us regularly, we could lose visibility in the market, which in turn could cause our stock price or trading volume to decline.

Future sales, or the perception of future sales, of common stock by us or our existing stockholders in the public market following this offering could cause the market price for our common stock to decline.

The sale of shares of our common stock in the public market, or the perception that such sales could occur, could harm the prevailing market price of shares of our common stock. These sales, or the possibility that these sales may occur, also might make it more difficult for us to sell equity securities in the future at a time and at a price that we deem appropriate.

As of August 22, 2016, 131,704 shares of our common stock, representing less than 1% of our total outstanding shares of common stock, are restricted securities within the meaning of the SEC's Rule 144 promulgated under the Securities Act (Rule 144) and subject to certain restrictions on resale. Restricted securities may be sold in the public market only if they are registered under the Securities Act or are sold pursuant to an exemption from registration such as Rule 144.

S-8

Table of Contents

In addition, 1,423,389 shares of common stock may become eligible for sale upon exercise of vested options and restricted share units. A total of 6,700,000 shares of common stock were reserved for issuance under the 2014 Omnibus Incentive Plan, of which 3,177,262 shares of common stock remain available for future issuance at August 22, 2016. These shares can be sold in the public market upon issuance, subject to restrictions under the securities laws applicable to resales by affiliates.

In connection with this offering, we, our executive officers and directors and the selling stockholders will sign lock-up agreements with the underwriters of this offering that, subject to certain customary exceptions, restrict the sale of the shares of our remaining common stock held by them for 30 days following the date of this prospectus supplement. Goldman, Sachs & Co., Deutsche Bank Securities Inc. and Morgan Stanley & Co. LLC may, in their sole discretion, release all or any portion of the shares of common stock subject to such lock-up agreements. Our Sponsor holds approximately 13.7% of our outstanding common stock as of August 22, 2016, and will not hold any shares following this offering.

Pursuant to a registration rights agreement, certain holders of restricted shares, subject to certain conditions, may require us to register or otherwise facilitate the sale under the Securities Act of their shares of common stock. Any exercise of their registration rights, or any sale by one or more of them of a substantial number of shares, could cause the then-prevailing market price of our common stock to decline. The shares subject to the registration rights agreement represent approximately 15.2% of our outstanding shares of common stock.

The market price of shares of our common stock could drop significantly if the holders of these shares sell them or are perceived by the market as intending to sell them. These factors could also make it more difficult for us to raise additional funds through future offerings of shares of our common stock or other equity securities that we wish to issue.

In the future, we may also issue our securities in connection with investments or acquisitions. The number of shares of our common stock issued in connection with an investment or acquisition could constitute a material portion of then-outstanding shares of our common stock, subject to limitations on issuance of new shares without stockholder approval imposed by the NYSE. Any issuance of additional securities in connection with investments or acquisitions may result in dilution to you.

Anti-takeover provisions in our organizational documents could delay or prevent a change of control.

Certain provisions of our amended and restated certificate of incorporation and amended and restated bylaws may have an anti-takeover effect and may delay, defer or prevent a merger, acquisition, tender offer, takeover attempt or other change of control transaction that may otherwise be in the best interests of our stockholders, including transactions that might otherwise result in the payment of a premium over the market price for the shares held by our stockholders.

These provisions provide for, among other things:

a classified board of directors with staggered three-year terms;

the ability of our board of directors to issue one or more series of preferred stock;

advance notice for nominations of directors by stockholders and for stockholders to include matters to be considered at our annual meetings;

certain limitations on convening special stockholder meetings;

the removal of directors only for cause and only upon the affirmative vote of holders of at least 66-2/3% of the shares of common stock entitled to vote generally in the election of directors; and

any amendment of certain provisions only by the affirmative vote of at least 66-2/3% of the shares of common stock entitled to vote generally in the election of directors.

Table of Contents

These anti-takeover provisions could make it more difficult for a third party to acquire us, even if the third-party offer may be considered beneficial by many of our stockholders. As a result, our stockholders may be limited in their ability to obtain a premium for their shares. See Description of Capital Stock in the accompanying prospectus.

S-10

Table of Contents

FORWARD-LOOKING STATEMENTS

This prospectus supplement contains or incorporates by reference forward-looking statements that reflect our current views with respect to, among other things, our operations and financial performance. Forward-looking statements include all statements that are not historical facts. In some cases, you can identify these forward-looking statements by the use of words such as outlook, believes, expects, potential, continues, may, will, should, could, approximately, predicts, intends, plans, estimates, anticipates or the negative version of these words or other comparable words. Such forward-looking statements are subject to various risks and uncertainties. Accordingly, there are or will be important factors that could cause actual outcomes or results to differ materially from those indicated in these statements. We believe these factors include but are not limited to those described under Risk Factors in our 2016 Form 10-K, as such factors may be updated from time to time in our periodic filings with the SEC, as well as other information contained or incorporated by reference in this prospectus supplement and the accompanying prospectus. These factors should not be construed as exhaustive and should be read in conjunction with the other cautionary statements that are included or incorporated by reference in this prospectus supplement and the accompanying prospectus. We undertake no obligation to publicly update or review any forward-looking statement, whether as a result of new information, future developments or otherwise, except as required by law.

Table of Contents

USE OF PROCEEDS

We will not receive any proceeds from the sale of shares of our common stock by the selling stockholders.

S-12

Table of Contents**PRICE RANGE OF COMMON STOCK**

Our common stock began trading publicly on the NYSE under the symbol **CTLT** as of July 31, 2014. Prior to that time, there was no public market for our common stock. As of September 6, 2016, there were 27 holders of record of our common stock. This stockholder figure does not include a substantially greater number of holders whose shares are held of record by banks, brokers and other financial institutions. The following table sets forth the high and low sale prices per share for our common stock as reported on the NYSE for the period indicated:

| | Stock Price | |
|---|--------------------|------------|
| | High | Low |
| Fiscal Year Ended June 30, 2015: | | |
| First Quarter ended September 30, 2014 (from July 31, 2014) | \$ 25.17 | \$ 19.85 |
| Second Quarter ended December 31, 2014 | \$ 30.18 | \$ 22.85 |
| Third Quarter ended March 31, 2015 | \$ 31.66 | \$ 26.32 |
| Fourth Quarter ended June 30, 2015 | \$ 32.11 | \$ 26.17 |
| Fiscal Year Ended June 30, 2016: | | |
| First Quarter ended September 30, 2015 | \$ 34.42 | \$ 24.05 |
| Second Quarter ended December 31, 2015 | \$ 28.75 | \$ 23.63 |
| Third Quarter ended March 31, 2016 | \$ 27.60 | \$ 18.92 |
| Fourth Quarter ended June 30, 2016 | \$ 32.24 | \$ 20.94 |
| Fiscal Year Ending June 30, 2017 | | |
| First Quarter ending September 30, 2016 (through September 6, 2016) | \$ 26.04 | \$ 22.52 |

The closing sale price of our common stock, as reported by the NYSE, on September 6, 2016 was \$25.28.

Table of Contents**PRINCIPAL AND SELLING STOCKHOLDERS**

The following table sets forth information regarding the beneficial ownership of shares of our common stock as of August 25, 2016 by (1) the selling stockholders selling shares in this offering, (2) each person known to us to beneficially own more than 5% of our outstanding common stock, (3) each of our directors and named executive officers and (4) all of our directors and executive officers as a group.

The amounts and percentages of shares beneficially owned are reported on the basis of SEC regulations governing the determination of beneficial ownership of securities. Under SEC rules, a person is deemed to be a beneficial owner of a security if that person has or shares voting power or investment power, which includes the power to dispose of or to direct the disposition of such security. A person is also deemed to be a beneficial owner of any securities of which that person has a right to acquire beneficial ownership within 60 days. Securities that can be so acquired are deemed to be outstanding for purposes of computing such person's ownership percentage, but not for purposes of computing any other person's percentage. Under these rules, more than one person may be deemed to be a beneficial owner of the same securities and a person may be deemed to be a beneficial owner of securities as to which such person has no economic interest.

Except as otherwise indicated in the footnotes below, each of the beneficial owners has, to our knowledge, sole voting and investment power with respect to the indicated shares. Unless otherwise noted, the address of each beneficial owner is 14 Schoolhouse Road, Somerset, New Jersey, 08873.

| Name of Beneficial Owner | Shares Beneficially Owned Prior to the Offering | | Shares to be Sold in the Offering | Shares Beneficially Owned After the Offering | |
|--|---|---------|-----------------------------------|--|---------|
| | Number | Percent | | Number | Percent |
| Blackstone ⁽¹⁾ | 17,100,705 | 13.71% | 17,100,705 | | |
| T Rowe Price Associates, Inc. ⁽²⁾ | 18,504,938 | 14.84% | | 18,504,938 | 14.84% |
| FMR LLC ⁽³⁾ | 14,597,087 | 11.70% | | 14,597,087 | 11.70% |
| BlackRock, Inc. ⁽⁴⁾ | 12,612,905 | 10.11% | | 12,612,905 | 10.11% |
| The Vanguard Group ⁽⁵⁾ | 6,614,685 | 5.30% | | 6,614,685 | 5.30% |
| Genstar Capital ⁽⁶⁾ | 1,891,122 | 1.52% | 1,891,122 | | |
| John Chiminski ⁽⁷⁾⁽⁸⁾ | 621,912 | * | | 621,912 | * |
| Matthew Walsh ⁽⁸⁾ | 98,162 | * | | 98,162 | * |
| William Downie ⁽⁸⁾ | 38,634 | * | | 38,637 | * |
| Steven Fasman ⁽⁸⁾ | 13,790 | * | | 13,790 | * |
| Stephen Leonard ⁽⁸⁾ | 120,280 | * | | 120,280 | * |
| Melvin D. Booth ⁽⁸⁾ | 61,820 | * | | 61,820 | * |
| J. Martin Carroll | 6,928 | * | | 6,928 | * |
| Rolf Classon | 11,070 | * | | 11,070 | * |
| Chinh E. Chu ⁽⁹⁾ | | * | | | * |
| Gregory T. Lucier | 23,068 | * | | 23,068 | * |
| Bruce McEvoy ⁽¹⁰⁾ | | * | | | * |
| Donald E. Morel Jr. | | | | | |
| James Quella ⁽⁸⁾⁽¹¹⁾ | 38,790 | * | | 38,790 | * |
| Jack Stahl | 11,070 | * | | 11,070 | * |
| | 1,465,400 | 1.18% | | 1,465,400 | 1.18% |

Directors and executive officers as a group
(19 persons)⁽¹²⁾

* Represents less than 1%.

- (1) Shares shown as beneficially owned by Blackstone were held directly by Blackstone Healthcare Partners L.L.C. Blackstone Capital Partners V L.P. is the managing member of Blackstone Healthcare Partners L.L.C. Blackstone Management Associates V L.L.C. (BMA) is the general partner of Blackstone Capital Partners V L.P. BMA V L.L.C. is the sole member of BMA. Blackstone Holdings III L.P. is the managing member and majority in interest owner of BMA V L.L.C. Blackstone Holdings III GP L.P. is the general

S-14

Table of Contents

- partner of Blackstone Holdings III L.P. Blackstone Holdings III GP Management L.L.C. is the general partner of Blackstone Holdings III GP L.P. The Blackstone Group L.P. is the sole member of Blackstone Holdings III GP Management L.L.C. The Blackstone Group L.P. is controlled by its general partner, Blackstone Group Management L.L.C. Blackstone Group Management L.L.C. is wholly owned by Blackstone's senior managing directors and controlled by its founder, Stephen A. Schwarzman. Each of Blackstone Capital Partners V L.P., BMA, BMA V L.L.C., Blackstone Holdings III L.P., Blackstone Holdings III GP L.P., Blackstone Holdings III GP Management L.L.C., The Blackstone Group L.P., Blackstone Group Management L.L.C., Mr. Schwarzman, Mr. Chu and Mr. McEvoy disclaims beneficial ownership of the shares of our common stock directly held by Blackstone Healthcare Partners, L.L.C. Mr. McEvoy, one of our directors, is an employee of affiliates of Blackstone. Mr. Chu, a director and the Chairman of our Board of Directors, was an employee of Blackstone until November 2015. The address of each of the entities listed in this footnote is c/o The Blackstone Group L.P., 345 Park Avenue, New York, New York 10154.
- (2) Information shown is based on information reported by the filer on a Schedule 13G/A filed with the SEC on February 10, 2016, in which T. Rowe Price Associates, Inc. reported that it and its affiliates have sole voting power over 4,477,702 shares and sole dispositive power over 18,504,938 shares. The address of T. Rowe Price Associates, Inc. is 100 E. Pratt Street, Baltimore, Maryland 21202.
 - (3) Information shown is based on information reported by the filer on a Schedule 13G filed with the SEC on July 11, 2016, in which FMR LLC reported that it and its affiliates have sole voting power over 1,848,460 shares and sole dispositive power over 14,597,087 shares. The address of FMR LLC is 245 Summer Street, Boston, MA 02210.
 - (4) Information shown is based on information reported by the filer on a Schedule 13G/A filed with the SEC on January 8, 2016, in which BlackRock, Inc. reported that it has sole voting power over 12,426,751 shares and sole dispositive power over 12,612,905 shares. The address of BlackRock, Inc. is 55 East 52nd Street, New York, NY 10022.
 - (5) Information shown is based on information reported by the filer on a Schedule 13G filed with the SEC on February 10, 2016, in which The Vanguard Group reported that it and its affiliates have sole voting power over 191,662 shares and an aggregate sole dispositive power over 6,614,685 shares. The address of The Vanguard Group is 100 Vanguard Boulevard, Malvern, PA 19355.
 - (6) Shares shown as beneficially owned by Genstar Capital are held directly by Genstar Phoenix Holdings, LLC. Genstar Capital Partners IV, L.P. is the Manager of Genstar Phoenix Holdings, LLC. The sole general partner of Genstar Capital Partners IV, L.P. is Genstar Capital IV, L.P. The sole general partner of Genstar Capital IV, L.P. is Genstar IV GP LLC. The members of Genstar IV GP LLC are Jean-Pierre Conte and Robert Weltman. Each of Genstar Capital Partners IV, L.P., Genstar Capital IV, L.P., Genstar IV GP LLC and Messrs. Conte and Weltman disclaims beneficial ownership of the shares of our common stock directly held by Genstar Phoenix Holdings, LLC. The address of each of the entities and individuals listed in this footnote is c/o Genstar Capital LLC, Four Embarcadero Center, Suite 1900, San Francisco, CA 94111.
 - (7) Does not include 50,480 vested non-voting restricted stock units, none of which Mr. Chiminski has the right to have settled in shares of our common stock within 60 days.
 - (8) The number of shares beneficially owned includes shares of common stock issuable upon exercise of options that are currently exercisable and/or will be exercisable within 60 days after August 25, 2016, as follows: Mr. Chiminski (435,405), Mr. Walsh (20,384), Mr. Downie (20,413), Mr. Fasman (13,790), Mr. Leonard (75,750), Mr. Quella (27,720) and Mr. Booth (50,750).
 - (9) Mr. Chu was a Senior Managing Director of Blackstone until November 2015 and is a Blackstone-designated director of the Company. In his capacity as a former employee of Blackstone, Mr. Chu disclaims beneficial ownership of any shares owned directly or indirectly by Blackstone. Mr. Chu's current address is c/o CC Capital Management, LLC, 475 Park Avenue South, New York, NY 10016.
 - (10) Mr. McEvoy is a Senior Managing Director of Blackstone. Mr. McEvoy disclaims beneficial ownership of any shares owned directly or indirectly by Blackstone. Mr. McEvoy's address is c/o The Blackstone Group L.P., 345

Park Avenue, New York, New York 10154.

- (11) Mr. Quella was a Senior Managing Director and Senior Operating Partner in the Corporate Private Equity group of Blackstone. Mr. Quella disclaims beneficial ownership of any shares owned directly or indirectly by Blackstone.
- (12) Includes 1,018,492 shares of common stock issuable upon exercise of options that are currently exercisable and/or exercisable within 60 days after August 25, 2016.

S-15

Table of Contents

**MATERIAL U.S. FEDERAL INCOME AND ESTATE TAX CONSEQUENCES TO
NON-U.S. HOLDERS OF OUR COMMON STOCK**

The following is a summary of the material U.S. federal income and estate tax consequences to a non-U.S. holder (as defined below) of the purchase, ownership and disposition of our common stock as of the date hereof. Except where noted, this summary deals only with common stock that is held as a capital asset (*i.e.*, generally, an asset held for investment purposes).

A non-U.S. holder means a beneficial owner (other than a partnership) that is not for U.S. federal income tax purposes any of the following:

an individual citizen or resident of the United States;

a corporation (or any other entity treated as a corporation for U.S. federal income tax purposes) created or organized in or under the laws of the United States, any state thereof or the District of Columbia;

an estate if its income is subject to U.S. federal income taxation regardless of its source; or

a trust if it (1) is subject to the primary supervision of a court within the United States and one or more United States persons have the authority to control all substantial decisions of the trust or (2) has a valid election in effect under applicable U.S. Treasury regulations to be treated as a United States person.

This summary is based upon provisions of the Internal Revenue Code of 1986, as amended (the Code), and U.S. Treasury regulations, administrative rulings and judicial decisions as of the date hereof. Those authorities may be changed, perhaps retroactively, and are subject to differing interpretations, so as to result in U.S. federal income and estate tax consequences different from those summarized below. This summary does not address all aspects of U.S. federal income and estate taxes and does not deal with other U.S. federal tax laws (including the Medicare tax on certain investment income) or any foreign, state, local or other tax considerations that may be relevant to non-U.S. holders in light of their particular circumstances. In addition, it does not represent a detailed description of the U.S. federal income tax consequences applicable to you if you are subject to special treatment under the U.S. federal income tax laws (including if you are a U.S. expatriate, controlled foreign corporation, passive foreign investment company, or a partnership or other pass-through entity for U.S. federal income tax purposes). We cannot assure you that a change in law will not alter significantly the tax considerations that we describe in this summary.

If an entity treated as a partnership for U.S. federal income tax purposes holds our common stock, the tax treatment of a partner will generally depend upon the status of the partner and the activities of the partnership. If you are a partner of a partnership holding our common stock, you should consult your tax advisors.

If you are considering the purchase of our common stock, you should consult your own tax advisors concerning the particular U.S. federal income and estate tax consequences to you of the purchase, ownership, or disposition of our common stock, as well as the consequences to you arising under the laws of any other taxing jurisdiction or any applicable income tax treaty.

Dividends

Distributions of cash or property that we pay on our common stock (if any) will be treated as taxable dividends for U.S. federal income tax purposes to the extent paid from our current or accumulated earnings and profits (as determined under U.S. federal income tax principles). If the amount of a distribution exceeds our current and accumulated earnings and profits, such excess will be allocated ratably among each share of common stock with respect to which the distribution is paid and will be treated first as a tax-free return of capital to the extent of the non-U.S. holder's adjusted tax basis in our common stock, and thereafter will be treated as capital gain from a sale or other disposition of our common stock as described below in [Gain on Disposition of](#)

Table of Contents

Common Stock. Your adjusted tax basis is generally the purchase price of the shares, reduced by any such tax-free returns of capital. Subject to the discussions of backup withholding and additional withholding requirements below, dividends paid to a non-U.S. holder of our common stock generally will be subject to withholding of U.S. federal income tax at a 30% rate or such lower rate as may be specified by an applicable income tax treaty. However, dividends that are effectively connected with the conduct of a trade or business by the non-U.S. holder within the United States (and, if required by an applicable income tax treaty, are attributable to a U.S. permanent establishment of the non-U.S. holder) are generally not subject to U.S. federal withholding tax, provided certain certification and disclosure requirements are satisfied. Instead, such dividends are generally subject to U.S. federal income tax on a net income basis in the same manner as if the non-U.S. holder were a United States person as defined under the Code. Any such effectively connected dividends received by a foreign corporation may be subject to an additional branch profits tax on its effectively connected earnings and profits at a 30% rate or such lower rate as may be specified by an applicable income tax treaty.

A non-U.S. holder of our common stock who wishes to claim the benefit of an applicable income tax treaty rate and avoid backup withholding, as discussed below, for dividends will be required (a) to complete the applicable Internal Revenue Service (IRS) Form W-8 and certify under penalty of perjury that such holder is not a United States person as defined under the Code and is eligible for treaty benefits or (b) if our common stock is held through certain foreign intermediaries, to satisfy the relevant certification requirements of applicable U.S. Treasury regulations.

A non-U.S. holder of our common stock eligible for a reduced rate of U.S. withholding tax pursuant to an income tax treaty may obtain a refund of any excess amounts withheld by timely filing an appropriate claim for refund with the IRS.

Gain on Disposition of Common Stock

Subject to the discussions of backup withholding and additional withholding requirements below, any gain realized on the sale, exchange or other taxable disposition of our common stock by a non-U.S. holder generally will not be subject to U.S. federal income tax unless:

- the gain is effectively connected with a trade or business of the non-U.S. holder in the United States (and, if required by an applicable income tax treaty, is attributable to a U.S. permanent establishment of the non-U.S. holder);

- the non-U.S. holder is an individual who is present in the United States for 183 days or more in the taxable year of that disposition, and certain other conditions are met; or

- we are or have been a United States real property holding corporation for U.S. federal income tax purposes. A non-U.S. holder described in the first bullet point immediately above will be generally subject to tax on the net gain derived from the sale under regular graduated U.S. federal income tax rates applicable to such holder if it were a United States person as defined under the Code. In addition, if a non-U.S. holder described in the first bullet point immediately above is a corporation for U.S. federal income tax purposes, it may be subject to the branch profits tax equal to 30% of its effectively connected earnings and profits or at such lower rate as may be specified by an applicable income tax treaty.

An individual non-U.S. holder described in the second bullet point immediately above will be generally subject to a flat 30% tax on the gain derived from the sale, which may be offset by U.S. source capital losses, even though the individual is not considered a resident of the United States.

We believe we are not and do not anticipate becoming a United States real property holding corporation for U.S. federal income tax purposes. In general, a corporation is a United States real property holding corporation if the fair market value of its United States real property interests equals or exceeds 50% of the

Table of Contents

sum of the fair market values of its worldwide (domestic and foreign) real property interests and its other assets used or held for use in a trade or business (all as determined for U.S. federal income tax purposes). For this purpose, real property interests include land, improvements, and associated personal property. If we are or become a United States real property holding corporation, so long as our common stock continues to be regularly traded on an established securities market (within the meaning of applicable U.S. Treasury regulations), only a non-U.S. holder who holds or held directly, indirectly, or constructively (at any time during the shorter of the five year period preceding the date of disposition or the holder's holding period) more than 5% of our common stock will be subject to U.S. federal income tax on the disposition of our common stock in the same manner as gain that is effectively connected with a trade or business of the non-U.S. holder in the United States, except that the branch profits tax generally will not apply.

Federal Estate Tax

Common stock held by an individual non-U.S. holder at the time of death will be included in such holder's gross estate for U.S. federal estate tax purposes, and may be subject to U.S. federal estate tax, unless an applicable estate tax treaty provides otherwise.

Information Reporting and Backup Withholding

We must report annually to the IRS and to each non-U.S. holder the amount of dividends paid to such holder and the tax withheld with respect to such dividends, regardless of whether withholding was required. Copies of the information returns reporting such dividends and withholding may also be made available to the tax authorities in the country in which the non-U.S. holder resides under the provisions of an applicable income tax treaty.

A non-U.S. holder will be subject to backup withholding for dividends paid to such holder unless such holder certifies under penalty of perjury that it is a non-U.S. holder (and the payor does not have actual knowledge or reason to know that such holder is a United States person as defined under the Code) on a properly executed IRS Form W-8, or such holder otherwise establishes an exemption.

Information reporting and, depending on the circumstances, backup withholding will apply to the proceeds of a sale of our common stock within the United States or conducted through certain U.S.-related financial intermediaries, unless the beneficial owner certifies under penalty of perjury that it is a non-U.S. holder (and the payor does not have actual knowledge or reason to know that the beneficial owner is a United States person as defined under the Code), or such owner otherwise establishes an exemption.

Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules may be allowed as a refund or a credit against a non-U.S. holder's U.S. federal income tax liability provided the required information is timely furnished to the IRS.

Non-U.S. holders should consult their own tax advisors regarding the application of information reporting and backup withholding in their particular circumstances, including the procedure for claiming any applicable exemption.

Additional Withholding Requirements

Under Sections 1471 through 1474 of the Code and the Treasury regulations promulgated thereunder (such provisions commonly referred to as FATCA), a 30% U.S. federal withholding tax may apply to any dividends paid on our common stock, and to the gross proceeds from a disposition of our common stock occurring after December 31, 2018, in each case paid to (i) a foreign financial institution (as specifically defined under FATCA), which does not provide sufficient documentation, typically on IRS Form W-8BEN-E, evidencing either (x) an exemption from FATCA, or

(y) its compliance (or deemed compliance) with FATCA (which alternatively may be in the form of compliance with an intergovernmental agreement with the United States) in a

S-18

Table of Contents

manner that avoids withholding, or (ii) a non-financial foreign entity (as specifically defined under FATCA) which does not provide sufficient documentation, typically on IRS Form W-8BEN-E, evidencing either (x) an exemption from FATCA, or (y) adequate information regarding certain substantial United States beneficial owners of such entity (if any). If a dividend payment is both subject to withholding under FATCA and subject to the withholding tax discussed above under Dividends, the withholding under FATCA may be credited against, and therefore reduce, such other withholding tax. You should consult your own tax advisor regarding these requirements and whether they may be relevant to your ownership and disposition of our common stock.

Table of Contents**UNDERWRITING**

Goldman, Sachs & Co., Deutsche Bank Securities Inc. and Morgan Stanley & Co. LLC are acting as the underwriters of this offering. Subject to the terms and conditions of the underwriting agreement, the underwriters named below have severally agreed to purchase from the selling stockholders the following respective number of shares of common stock at a public offering price less the underwriting discounts and commissions set forth on the cover page of this prospectus supplement:

| Name | Number of Shares |
|-------------------------------|-------------------------|
| Goldman, Sachs & Co. | 6,330,609 |
| Deutsche Bank Securities Inc. | 6,330,609 |
| Morgan Stanley & Co. LLC | 6,330,609 |
| Total | 18,991,827 |

The underwriting agreement provides that the underwriters' obligation to purchase shares of common stock depends on the satisfaction of the conditions contained in the underwriting agreement including:

the obligation to purchase all of the shares of common stock offered hereby, if any of the shares are purchased;

the representations and warranties made by us and the selling stockholders to the underwriters are true;

there is no material change in our business or the financial markets; and

customary closing documents are delivered to the underwriters.

The offering of the shares by the underwriters is subject to receipt and acceptance and subject to the underwriters' right to reject any order in whole or in part.

Commissions and Expenses

The following table summarizes the underwriting discounts and commissions the selling stockholders will pay to the underwriters. The underwriting fee is the difference between the price to the public and the amount the underwriters pay the selling stockholders for the shares.

| | Per Share | Total |
|-----------------------|------------------|-------------------|
| Public offering price | \$ 23.85 | \$ 452,995,073.95 |

Edgar Filing: Catalent, Inc. - Form 424B3

| | | |
|---|----------|-------------------|
| Underwriting discounts and commissions to be paid by the selling stockholders | \$ 0.27 | \$ 5,127,793.29 |
| Proceeds, before expenses, to the selling stockholders | \$ 23.58 | \$ 447,827,280.66 |

The underwriters have advised us that the underwriters propose to offer the shares of common stock directly to the public at the public offering price on the cover of this prospectus supplement and to selected dealers, which may include the underwriters, at such offering price less a selling concession not in excess of \$0.10 per share. After this offering, the underwriters may change the offering price and other selling terms.

The expenses of this offering that are payable by us are estimated to be approximately \$700,000 (excluding underwriting discounts and commissions), including up to \$25,000 in connection with the qualification of this offering with FINRA by counsel to the underwriters.

Table of Contents

No Sales of Similar Securities

We and all directors and executive officers and the selling stockholders have agreed that, without the prior written consent of Goldman, Sachs & Co., Deutsche Bank Securities Inc. and Morgan Stanley & Co. LLC, we and they will not, during the period ending 30 days after the date of this prospectus supplement (the "restricted period"):

offer, sell, contract to sell, pledge, grant any option to purchase, make any short sale or otherwise transfer or dispose of, directly or indirectly, any shares of common stock or any securities convertible into or exercisable or exchangeable for shares of common stock;

file any registration statement with the SEC relating to the offering of any shares of common stock or any securities convertible into or exercisable or exchangeable for common stock; or

enter into any hedging or other transaction which is designed to or which reasonably could be expected to lead to or result in a sale or disposition of such person's shares even if such shares would be disposed by someone other than such person.

whether any such transaction described above is to be settled by delivery of common stock or such other securities, in cash or otherwise.

The restrictions described in the immediately preceding paragraph do not apply to:

the sale of shares pursuant to the underwriting agreement; or

the issuance by the Company of shares of common stock upon the exercise of an option or a warrant or the conversion of a security outstanding on the date of this prospectus supplement of which the underwriters have been advised in writing; or

the issuance by the Company of shares or any such substantially similar securities pursuant to employee incentive plans existing as of the date of the underwriting agreement (including, for the avoidance of doubt, the 2014 Omnibus Incentive Plan); or

the issuance by the Company of up to 5% of the outstanding shares of the common stock or any such substantially similar securities in connection with the acquisition of, a joint venture with or a merger with, another company, and the filing of a registration statement with respect thereto; or

the establishment of a trading plan pursuant to Rule 10b5-1 under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), provided that no transfer occurs under such plan during the restricted period and no public announcement or filing shall be required or voluntarily made by any person in connection

therewith other than general disclosure in Company periodic reports to the effect that Company directors and officers may enter into such trading plans from time to time, except that our executive officers may transfer or sell shares pursuant to trading plans that are entered into prior to this offering; or

the transfer by a security holder of shares of common stock or any securities convertible into, exchangeable for, exercisable for, or that represent the right to receive common stock (i) by will or intestacy, (ii) as a bona fide gift or gifts, (iii) to any trust, partnership, limited liability company or other entity for the direct or indirect benefit of such holder or the immediate family of such holder (for purposes of this subclause, immediate family shall mean any relationship by blood, current or former marriage or adoption, not more remote than first cousin), (iv) to any immediate family member or other dependent, (v) as a distribution to limited partners, members or stockholders of such holder, (vi) to such holder's affiliates or to any investment fund or other entity controlled or managed by such holder, (vii) to a nominee or custodian of a person or entity to whom a disposition or transfer would be permissible under clauses (i) through (vi) above, (viii) pursuant to an order of a court or regulatory agency, (ix) from an executive officer to the Company or its parent entities upon death, disability or

S-21

Table of Contents

termination of employment, in each case, of such executive officer, (x) in connection with transactions by any person other than us relating to common stock acquired in open market transactions after the completion of the offering provided that in the case of this clause (x) no public reports or filings (including filings under Section 16(a) of the Exchange Act) reporting a reduction in beneficial ownership of the common stock shall be required or shall be voluntarily made during the restricted period, (xi) to us (1) pursuant to the exercise, in each case on a cashless or net exercise basis, of any option to purchase shares of stock granted by us pursuant to any employee benefit plans or arrangements described herein, where any shares of stock received by such person upon any such exercise will be subject to the terms of the lock-up agreement, or (2) for the purpose of satisfying any withholding taxes (including estimated taxes) due as a result of the exercise of any option to purchase shares of stock or the vesting of any restricted stock awards granted by us pursuant to employee benefit plans or arrangements described herein, in each case on a cashless or net exercise basis, where any shares of stock received by such holder upon any such exercise or vesting will be subject to the terms of the lock-up agreement, (xii) transfers from such holder to such holder's general partner, to certain officers of the general partner in connection with such officers' donation to charitable organizations, family foundations or donor-advised funds at sponsoring organizations, provided that the aggregate number of shares donated by such officers pursuant to this clause (xii), together with the aggregate number of shares donated pursuant to any similar clauses in any other lock-up agreements entered into by affiliates of the undersigned in connection with the public offering of the shares, shall not exceed 250,000 shares and/or (xiii) with the prior written consent of Goldman, Sachs & Co., Deutsche Bank Securities Inc. and Morgan Stanley & Co. LLC; *provided* that: (1) in the case of each transfer or distribution pursuant to clauses (ii) through (viii) and clauses (ix) and (xii) above, (a) each donee, trustee, distributee or transferee, as the case may be, agrees to be bound in writing by the restrictions set forth herein; and (b) any such transfer or distribution shall not involve a disposition for value, other than with respect to any such transfer or distribution for which the transferor or distributor receives (x) equity interests of such transferee or (y) such transferee's interests in the transferor; and (2) in the case of each transfer or distribution pursuant to clauses (ii) through (vii) and clause (xi), if any public reports or filings (including filings under Section 16(a) of the Exchange Act) reporting a reduction in beneficial ownership of common stock shall be required or shall be voluntarily made during the restricted period (a) such holder will provide prior written notice informing them of such report or filing and (b) such report or filing shall disclose that such donee, trustee, distributee or transferee, as the case may be, agrees to be bound in writing by the restrictions set forth herein; or

if the security holder is a corporation, the corporation may transfer our capital stock to any wholly owned subsidiary of such corporation; provided, however, that in any such case, it shall be a condition to the transfer that the transferee execute an agreement stating that the transferee is receiving and holding such capital stock subject to the provisions of the lock-up agreement and there shall be no further transfer of such capital stock except in accordance with the lock-up agreement, and provided further that any such transfer shall not involve a disposition for value.

Goldman, Sachs & Co., Deutsche Bank Securities Inc. and Morgan Stanley & Co. LLC, in their sole discretion, may release the common stock and other securities subject to the lock-up agreements described above in whole or in part at any time with or without notice.

Indemnification

We and the selling stockholders have agreed to indemnify the several underwriters against certain liabilities, including liabilities under the Securities Act, liabilities arising from breaches of the representations and warranties contained in the underwriting agreement and to contribute to payments that the underwriters may be required to make for these liabilities.

Table of Contents

Stabilization, Short Positions and Penalty Bids

The underwriters may engage in stabilizing transactions, short sales and purchases to cover positions created by short sales, and penalty bids or purchases for the purpose of pegging, fixing or maintaining the price of our common stock, in accordance with Regulation M under the Exchange Act.

Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum.

A short position involves a sale by the underwriters of shares in excess of the number of shares the underwriters are obligated to purchase in this offering, which creates the syndicate short position. This short position may be either a covered short position or a naked short position. In a covered short position, the number of shares involved in the sales made by the underwriters in excess of the number of shares they are obligated to purchase is not greater than the number of shares that they may purchase by exercising their option to purchase additional shares. In a naked short position, the number of shares involved is greater than the number of shares in their option to purchase additional shares. The underwriters may close out any short position by either exercising their option to purchase additional shares, in whole or in part, and/or purchasing shares in the open market. In determining the source of shares to close out the short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market as compared to the price at which they may purchase shares through their option to purchase additional shares. A naked short position is more likely to be created if the underwriters are concerned that there could be downward pressure on the price of the shares in the open market after pricing that could adversely affect investors who purchase in this offering.

Syndicate covering transactions involve purchases of our common stock in the open market after the distribution has been completed to cover syndicate short positions.

Penalty bids permit the representative to reclaim a selling concession from a syndicate member when the common stock originally sold by the syndicate member is purchased in a stabilizing or syndicate covering transaction to cover syndicate short positions.

These stabilizing transactions, syndicate covering transactions and penalty bids may have the effect of raising or maintaining the market price of our common stock or preventing or retarding a decline in the market price of our common stock. As a result, the price of our common stock may be higher than the price that might otherwise exist in the open market. These transactions may be effected on the NYSE or otherwise and, if commenced, may be discontinued at any time.

Neither we nor any of the underwriters make any representation or prediction as to the direction or magnitude of any effect that the transactions described above may have on the price of our common stock. In addition, neither we nor any of the underwriters make any representation that the underwriters will engage in these stabilizing transactions or that any transaction, once commenced, will not be discontinued without notice.

Electronic Distribution

In connection with this offering, certain of the underwriters or securities dealers may distribute prospectuses by electronic means, such as e-mail. In addition, certain of the underwriters may facilitate Internet distribution for this offering to certain of their Internet subscription customers. Such underwriters may allocate a limited number of shares for sale to their online brokerage customers. A prospectus in electronic format is being made available on Internet web sites maintained by one or more of the underwriters of this offering and may be made available on web sites maintained by other underwriters. Other than the prospectus in electronic format, the information on any underwriter's web site and any information contained in any other web site maintained by an underwriter is not part of the prospectus or the registration statement of which the prospectus forms a part.

S-23

Table of Contents

Listing

Our common stock is listed on the NYSE under the symbol **CTLT** .

Other Relationships

The underwriters and their affiliates are full service financial institutions engaged in various activities, which may include sales and trading, commercial and investment banking, advisory, investment management, investment research, principal investment, hedging, market making, brokerage and other financial and non-financial activities and services. The underwriters and their affiliates have provided, and may in the future provide, a variety of these services to the issuer and to persons and entities with relationships with the issuer, for which they received or will receive customary fees and expenses.

In the ordinary course of their various business activities, the underwriters and their respective affiliates, officers, directors and employees may purchase, sell or hold a broad array of investments and actively traded securities, derivatives, loans, commodities, currencies, credit default swaps and other financial instruments for their own account and for the accounts of their customers, and such investment and trading activities may involve or relate to assets, securities and/or instruments of the issuer (directly, as collateral securing other obligations or otherwise) and/or persons and entities with relationships with the issuer. The underwriters and their affiliates may also communicate independent investment recommendations, market color or trading ideas and/or publish or express independent research views in respect of such assets, securities or instruments and may at any time hold, or recommend to clients that they should acquire, long and/or short positions in such assets, securities and instruments.

Selling Restrictions

Canada

The shares of our common stock may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 *Prospectus Exemptions* or subsection 73.3(1) of the *Securities Act* (Ontario), and are permitted clients, as defined in National Instrument 31-103 *Registration Requirements, Exemptions and Ongoing Registrant Obligations*. Any resale of the shares of our common stock must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this prospectus supplement (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

Pursuant to section 3A.3 of National Instrument 33-105 *Underwriting Conflicts* (**NI 33-105**), the underwriters are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this offering.

European Economic Area

This prospectus has been prepared on the basis that any offer of shares of our common stock in any Member State of the European Economic Area which has implemented the Prospectus Directive (each, a Relevant Member State) will be made pursuant to an exemption under the Prospectus Directive from the requirement to publish a prospectus for offers of shares of our common stock. Accordingly any person making or intending to make an offer in that Relevant Member State of shares of our common stock which are the subject of the offering contemplated in this prospectus may only do so (i) in circumstances in which no obligation arises for us or

S-24

Table of Contents

any of the underwriters to publish a prospectus pursuant to Article 3 of the Prospectus Directive in relation to such offer. Neither we nor the underwriters have authorized, nor do we or they authorize, the making of any offer of shares of our common stock in circumstances in which an obligation arises for us or the underwriters to publish a prospectus for such offer. The expression Prospectus Directive means Directive 2003/71/EC (and amendments thereto, including the 2010 PD Amending Directive, to the extent implemented in the Relevant Member State), and includes any relevant implementing measure in the Relevant Member State and the expression 2010 PD Amending Directive means Directive 2010/73/EU.

In relation to each Relevant Member State, each of the underwriters has represented and agreed that with effect from and including the date on which the Prospectus Directive is implemented in that Relevant Member State (the Relevant Implementation Date) it has not made and will not make an offer of shares of our common stock which are the subject of the offering contemplated by this prospectus to the public in that Relevant Member State, except that it may, with effect from and including the Relevant Implementation Date, make an offer of such shares of our common stock to the public in that Relevant Member State:

- (a) to any legal entity which is a qualified investor as defined in the Prospectus Directive;
- (b) to fewer than 100 or, if the Relevant Member State has implemented the relevant provision of the 2010 PD Amending Directive, 150, natural or legal persons (other than qualified investors as defined in the Prospectus Directive), as permitted under the Prospectus Directive, subject to obtaining the prior consent of the representatives for any such offer; or
- (c) in any other circumstances falling within Article 3(2) of the Prospectus Directive,

provided that no such offer of shares of our common stock shall result in a requirement for the publication by us or any underwriter of a prospectus pursuant to Article 3 of the Prospectus Directive.

Each person in a Relevant Member State who receives any communication in respect of, or who acquires any shares of our common stock under, the offers to the public contemplated in this prospectus will be deemed to have represented, warranted and agreed to and with each underwriter that:

- (a) it is a qualified investor within the meaning of the law in that Relevant Member State implementing Article 2(1)(e) of the Prospectus Directive; and
- (b) in the case of any shares of our common stock acquired by it as a financial intermediary, as that term is used in Article 3(2) of the Prospectus Directive, (i) the shares of our common stock acquired by it in the offer have not been acquired on behalf of, nor have they been acquired with a view to their offer or resale to, persons in any Relevant Member State other than qualified investors, as that term is defined in the Prospectus Directive, or in circumstances in which the prior consent of the underwriters has been given to the offer or resale; or (ii) where shares of our common stock have been acquired by it on behalf of persons in any Relevant Member State other than qualified investors, the offer of those shares of our common stock to it is not treated under the Prospectus Directive as having been made to such persons.

For the purposes of this provision, the expression an offer to the public in relation to any shares of our common stock in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and any shares of our common stock to be offered so as to enable an investor to decide to purchase any shares of our common stock, as the same may be varied in that Member State by any measure implementing the Prospectus Directive in that Member State.

Table of Contents

United Kingdom

Each underwriter has represented and agreed that:

(a) it has only communicated or caused to be communicated and will only communicate or cause to be communicated an invitation or inducement to engage in investment activity (within the meaning of Section 21 of the Financial Services and Markets Act 2000 (FSMA)) received by it in connection with the issue or sale of the shares of our common stock in circumstances in which Section 21(1) of the FSMA does not apply to us; and

(b) it has complied and will comply with all applicable provisions of the FSMA with respect to anything done by it in relation to the shares of our common stock in, from or otherwise involving the United Kingdom.

This prospectus is for distribution only to persons who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the Financial Promotion Order), (ii) are persons falling within Article 49(2)(a) to (d) (high net worth companies, unincorporated associations etc) of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the issue or sale of any securities may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as relevant persons). This prospectus is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this document relates is available only to relevant persons and will be engaged in only with relevant persons.

Hong Kong

The shares may not be offered or sold by means of any document other than (i) in circumstances which do not constitute an offer to the public within the meaning of the Companies Ordinance (Cap.32, Laws of Hong Kong), or (ii) to professional investors within the meaning of the Securities and Futures Ordinance (Cap.571, Laws of Hong Kong) and any rules made thereunder, or (iii) in other circumstances which do not result in the document being a prospectus within the meaning of the Companies Ordinance (Cap.32, Laws of Hong Kong), and no advertisement, invitation or document relating to the shares may be issued or may be in the possession of any person for the purpose of issue (in each case whether in Hong Kong or elsewhere), which is directed at, or the contents of which are likely to be accessed or read by, the public in Hong Kong (except if permitted to do so under the laws of Hong Kong) other than with respect to shares which are or are intended to be disposed of only to persons outside Hong Kong or only to professional investors within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder.

Singapore

This prospectus has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the shares may not be circulated or distributed, nor may the shares be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor under Section 274 of the Securities and Futures Act, Chapter 289 of Singapore (the SFA), (ii) to a relevant person, or any person pursuant to Section 275(1A), and in accordance with the conditions, specified in Section 275 of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the shares are subscribed or purchased under Section 275 by a relevant person which is: (a) a corporation (which is not an accredited investor) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or (b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary is

S-26

Table of Contents

an accredited investor, shares, debentures and units of shares and debentures of that corporation or the beneficiaries rights and interest in that trust shall not be transferable for 6 months after that corporation or that trust has acquired the shares under Section 275 except: (1) to an institutional investor under Section 274 of the SFA or to a relevant person, or any person pursuant to Section 275(1A), and in accordance with the conditions, specified in Section 275 of the SFA; (2) where no consideration is given for the transfer; or (3) by operation of law.

Japan

The securities have not been and will not be registered under the Financial Instruments and Exchange Law of Japan (the Financial Instruments and Exchange Law) and each underwriter has agreed that it will not offer or sell any securities, directly or indirectly, in Japan or to, or for the benefit of, any resident of Japan (which term as used herein means any person resident in Japan, including any corporation or other entity organized under the laws of Japan), or to others for re-offering or resale, directly or indirectly, in Japan or to a resident of Japan, except pursuant to an exemption from the registration requirements of, and otherwise in compliance with, the Financial Instruments and Exchange Law and any other applicable laws, regulations and ministerial guidelines of Japan.

Notice to Prospective Investors in Switzerland

The shares may not be publicly offered in Switzerland and will not be listed on the SIX Swiss Exchange (SIX) or on any other stock exchange or regulated trading facility in Switzerland. This document has been prepared without regard to the disclosure standards for issuance prospectuses under art. 652a or art. 1156 of the Swiss Code of Obligations or the disclosure standards for listing prospectuses under art. 27 ff. of the SIX Listing Rules or the listing rules of any other stock exchange or regulated trading facility in Switzerland. Neither this document nor any other offering or marketing material relating to the shares or the offering may be publicly distributed or otherwise made publicly available in Switzerland.

Neither this document nor any other offering or marketing material relating to the offering, the Company, or the shares have been or will be filed with or approved by any Swiss regulatory authority. In particular, this document will not be filed with, and the offer of shares will not be supervised by, the Swiss Financial Market Supervisory Authority FINMA (FINMA), and the offer of shares has not been and will not be authorized under the Swiss Federal Act on Collective Investment Schemes (CISA). The investor protection afforded to acquirers of interests in collective investment schemes under the CISA does not extend to acquirers of shares.

Notice to Prospective Investors in the Dubai International Financial Centre

This prospectus relates to an Exempt Offer in accordance with the Offered Securities Rules of the Dubai Financial Services Authority (DFSA). This prospectus is intended for distribution only to persons of a type specified in the Offered Securities Rules of the DFSA. It must not be delivered to, or relied on by, any other person. The DFSA has no responsibility for reviewing or verifying any documents in connection with Exempt Offers. The DFSA has not approved this prospectus nor taken steps to verify the information set forth herein and has no responsibility for the prospectus. The shares to which this prospectus relates may be illiquid and/or subject to restrictions on their resale. Prospective purchasers of the shares offered should conduct their own due diligence on the shares. If you do not understand the contents of this prospectus you should consult an authorized financial advisor.

Notice to Prospective Investors in Australia

No placement document, prospectus, product disclosure statement or other disclosure document has been lodged with the Australian Securities and Investments Commission (ASIC), in relation to the offering. This prospectus does not

constitute a prospectus, product disclosure statement or other disclosure document under the

S-27

Table of Contents

Corporations Act 2001 (the Corporations Act), and does not purport to include the information required for a prospectus, product disclosure statement or other disclosure document under the Corporations Act.

Any offer in Australia of the shares may only be made to persons (the Exempt Investors) who are sophisticated investors (within the meaning of section 708(8) of the Corporations Act), professional investors (within the meaning of section 708(11) of the Corporations Act) or otherwise pursuant to one or more exemptions contained in section 708 of the Corporations Act so that it is lawful to offer the shares without disclosure to investors under Chapter 6D of the Corporations Act.

The shares applied for by Exempt Investors in Australia must not be offered for sale in Australia in the period of 12 months after the date of allotment under the offering, except in circumstances where disclosure to investors under Chapter 6D of the Corporations Act would not be required pursuant to an exemption under section 708 of the Corporations Act or otherwise or where the offer is pursuant to a disclosure document which complies with Chapter 6D of the Corporations Act. Any person acquiring shares must observe such Australian on-sale restrictions.

This prospectus contains general information only and does not take account of the investment objectives, financial situation or particular needs of any particular person. It does not contain any securities recommendations or financial product advice. Before making an investment decision, investors need to consider whether the information in this prospectus is appropriate to their needs, objectives and circumstances, and, if necessary, seek expert advice on those matters.

Table of Contents

LEGAL MATTERS

The validity of the shares of common stock will be passed upon for us by Simpson Thacher & Bartlett LLP, New York, New York. Certain legal matters in connection with the offering will be passed upon for the underwriters by Shearman & Sterling LLP, New York, New York. An investment vehicle comprised of selected partners of Simpson Thacher & Bartlett LLP, members of their families, related persons and others owns an interest representing less than 1% of the capital commitments of funds affiliated with The Blackstone Group L.P.

EXPERTS

Ernst & Young LLP, independent registered public accounting firm, has audited our consolidated financial statements and schedule included in our Annual Report on Form 10-K for the year ended June 30, 2016, and the effectiveness of our internal control over financial reporting as of June 30, 2016, as set forth in their reports, which are incorporated by reference in this prospectus and elsewhere in the registration statement. Our financial statements and schedule are incorporated by reference in reliance on Ernst & Young LLP's reports, given on their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus supplement and the accompanying prospectus are part of the registration statement on Form S-3 we filed with the SEC under the Securities Act and do not contain all the information set forth in the registration statement. Whenever a reference is made in this prospectus supplement or the accompanying prospectus to any of our contracts, agreements or other documents, the reference may not be complete and you should refer to the exhibits that are a part of the registration statement or the exhibits to the reports or other documents incorporated by reference in this prospectus supplement and the accompanying prospectus for a copy of such contract, agreement or other document. Because we are subject to the information and reporting requirements of the Exchange Act, we file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public at the SEC's website at <http://www.sec.gov>. You may also read and copy any document we file at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the Public Reference Room.

INFORMATION INCORPORATED BY REFERENCE

The SEC's rules allow us to incorporate by reference information into this prospectus supplement and the accompanying prospectus. This means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this prospectus supplement and the accompanying prospectus, and information that we file later with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below, which we have already filed with the SEC, and all documents subsequently filed with the SEC pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act prior to the termination of the offering under this prospectus supplement (in each case, except as specifically included below, other than information that is deemed, under SEC rules, not to have been filed):

our Annual Report on Form 10-K for the fiscal year ended June 30, 2016;

our Definitive Proxy Statement on Schedule 14A, filed on September 16, 2015 (solely those portions that were incorporated by reference into Part III of our Annual Report on Form 10-K for the fiscal year ended June 30, 2015); and

the description of our common stock contained in our Registration Statement on Form 8-A filed on July 31, 2014, including all amendments and reports filed for the purpose of updating such description.

S-29

Table of Contents

Any statement made in this prospectus supplement or in the accompanying prospectus or in a document incorporated by reference into this prospectus supplement or the accompanying prospectus will be deemed to be modified or superseded for purposes of this prospectus supplement to the extent that a statement contained in this prospectus supplement modifies or supersedes that statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement and the accompanying prospectus.

You can obtain any of the filings incorporated by reference into this prospectus supplement and the accompanying prospectus through us or from the SEC through the SEC's website at <http://www.sec.gov>. We will provide, without charge, to each person, including any beneficial owner, to whom a copy of this prospectus supplement or the accompanying prospectus is delivered, upon written or oral request of such person, a copy of any or all of the reports and documents referred to above which have been or may be incorporated by reference into this prospectus supplement or the accompanying prospectus. You should direct requests for those documents to:

Catalent, Inc.

14 Schoolhouse Road

Somerset, NJ 08873

Attn: Corporate Secretary

Tel.: (732) 537-6200

Email: CorpSec@catalent.com

Our reports and documents incorporated by reference into this prospectus supplement or the accompanying prospectus may also be found in the Investors section of our website at www.catalent.com. Our website and the information contained in it or connected to it shall not be deemed to be incorporated into this prospectus supplement, the accompanying prospectus or any registration statement of which it forms a part.

Table of Contents

Prospectus

Catalent, Inc.

Common Stock

We and any selling stockholder may offer and sell from time to time shares of our common stock.

We will determine when we sell shares of our common stock, which may be sold on a continuous or delayed basis directly, to or through agents, dealers or underwriters as designated from time to time, or through a combination of these methods. We reserve the sole right to accept, and we and any agents, dealers and underwriters reserve the right to reject, in whole or in part, any proposed purchase of shares of our common stock. If any agents, dealers or underwriters are involved in the sale of any shares of our common stock, the applicable prospectus supplement will set forth any applicable commissions or discounts payable to them. Our net proceeds from the sale of the shares of our common stock will be set forth in the applicable prospectus supplement. We also may provide you with a free writing prospectus that includes this information. In addition, certain selling stockholders may offer and sell shares of our common stock from time to time, together or separately, in amounts, at prices and on terms that will be determined at the time of any such offering.

Each time that we or any selling stockholders sell shares of our common stock using this prospectus, we or any selling stockholders will provide a prospectus supplement and attach it to this prospectus and may also provide you with a free writing prospectus. The prospectus supplement and any free writing prospectus will contain more specific information about the offering and the shares of our common stock being offered, including the names of any selling stockholders, if applicable, the prices and our net proceeds from the sales of those shares of our common stock. The prospectus supplement or free writing prospectus may also add, update, change or clarify information contained in or incorporated by reference into this prospectus. This prospectus may not be used to sell shares of our common stock unless accompanied by a prospectus supplement describing the method and terms of the offering.

You should carefully read this prospectus and any applicable prospectus supplement and free writing prospectus, together with any documents we incorporate by reference, before you invest in our common stock.

Our common stock is listed on the New York Stock Exchange, or NYSE, under the symbol **CTLT** .

Investing in our common stock involves risks. You should carefully consider the risk factors referred to on page 2 of this prospectus, in any applicable prospectus supplement and in the documents incorporated or deemed incorporated by reference in this prospectus before investing in our common stock.

Neither the Securities and Exchange Commission nor any other regulatory body has approved or disapproved of these securities or passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense.

Prospectus dated June 6, 2016.

Table of Contents

TABLE OF CONTENTS

| | |
|--|------------------|
| <u>Summary</u> | Page 1 |
| <u>Risk Factors</u> | 2 |
| <u>Forward-Looking Statements</u> | 3 |
| <u>Trademarks and Service Marks</u> | 3 |
| <u>Use of Proceeds</u> | 4 |
| <u>Selling Stockholders</u> | 5 |
| | Page |
| <u>Description of Capital Stock</u> | 6 |
| <u>Plan of Distribution</u> | 14 |
| <u>Legal Matters</u> | 16 |
| <u>Experts</u> | 16 |
| <u>Where You Can Find More Information</u> | 16 |
| <u>Information Incorporated by Reference</u> | 16 |

This prospectus is part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission (the SEC) using a shelf registration process. Under this shelf registration process, we and/or certain selling stockholders, if applicable, may, from time to time, offer and/or sell shares of our common stock in one or more offerings or resales. This prospectus provides you with a general description of the shares of our common stock that we and/or certain selling stockholders may offer. Each time we sell shares of our common stock using this prospectus, we will provide a prospectus supplement and attach it to this prospectus and may also provide you with a free writing prospectus. The prospectus supplement and any free writing prospectus will contain more specific information about the offering and the shares of our common stock being offered, including the names of any selling stockholders, if applicable, the prices and our net proceeds (if any) from the sales of those shares of common stock. The prospectus supplement may also add, update, change or clarify information contained in or incorporated by reference into this prospectus. If there is any inconsistency between the information in this prospectus and the information in the prospectus supplement, you should rely on the information in the prospectus supplement.

The rules of the SEC allow us to incorporate by reference information into this prospectus. This means that important information is contained in other documents that are considered to be a part of this prospectus. Additionally, information that we file later with the SEC will automatically update and supersede this information. You should carefully read both this prospectus and the applicable prospectus supplement together with the additional information that is incorporated or deemed incorporated by reference in this prospectus. See Information Incorporated by Reference before making an investment in our common stock. This prospectus contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of the documents referred to herein have been filed or will be filed or incorporated by reference as exhibits to the registration statement of which this prospectus is a part. The registration statement, including the exhibits and documents incorporated or deemed incorporated by reference in this prospectus, can be read on the SEC website or at the SEC offices mentioned under the heading Where You Can Find More Information.

THIS PROSPECTUS MAY NOT BE USED TO SELL ANY SHARES OF OUR COMMON STOCK UNLESS ACCOMPANIED BY A PROSPECTUS SUPPLEMENT.

Neither the delivery of this prospectus or any applicable prospectus supplement nor any sale made using this prospectus or any applicable prospectus supplement implies that there has been no change in our affairs or that the information in this prospectus or in any applicable prospectus supplement is correct as of any date after their respective dates. You should not assume that the information included in or incorporated by reference in this prospectus or any applicable prospectus supplement or any free writing prospectus prepared by us, is accurate as of any date other than the date(s) on the front covers of those documents. Our business, financial condition, results of operations and prospects may have changed since those dates.

You should rely only on the information contained in or incorporated by reference in this prospectus or a prospectus supplement. We have not authorized anyone to give you different information, and if you are given any information that is not contained or incorporated by reference in this prospectus or a prospectus supplement,

Table of Contents

you must not rely on that information. We and any selling stockholders are not making an offer to sell securities in any jurisdiction where the offer or sale of such securities is not permitted.

Except where the context requires otherwise, references in this prospectus to Catalent, the Company, we, us, and refer to Catalent, Inc., together with its consolidated subsidiaries. In this prospectus, when we refer to our fiscal years, we say fiscal and the year number, as in fiscal 2015, which refers to our fiscal year ended June 30, 2015.

We refer in this prospectus to (i) investment funds associated with or designated by The Blackstone Group L.P. as Blackstone or Sponsor and (ii) our Annual Report on Form 10-K for the fiscal year ended June 30, 2015 as amended by Amendment No. 1 to such Annual Report on Form 10-K/A as our 2015 Form 10-K.

Table of Contents

SUMMARY

*This summary highlights information contained elsewhere or incorporated by reference in this prospectus or any prospectus supplement and does not contain all of the information you should consider before investing in shares of our common stock. You should read this entire prospectus, any prospectus supplement, the documents incorporated herein or therein and any free writing prospectus prepared by us or on our behalf carefully, including the section entitled *Risk Factors* and the financial statements and the related notes incorporated by reference in this prospectus, before you decide to invest in shares of our common stock.*

Our Company

We are the leading global provider of advanced delivery technologies and development solutions for drugs, biologics and consumer health products. With over 80 years serving the industry, we have proven expertise in bringing more customer products to market faster, enhancing product performance and ensuring reliable clinical and commercial product supply. We employ approximately 8,900 people, including over 1,000 scientists and technicians, at 31 facilities across five continents and in fiscal 2015 generated more than \$1.8 billion in annual revenue.

For a description of our business, financial condition, results of operations and other important information regarding us, we refer you to our filings with the SEC incorporated by reference in this prospectus. For instructions on how to find copies of these documents, see *Where You Can Find More Information*.

Catalent, Inc. is a Delaware corporation. Our principal executive offices are located at 14 Schoolhouse Road, Somerset, New Jersey 08873, and our telephone number is (732) 537-6200. We maintain a website at www.catalent.com. The information contained on or accessible through our website neither constitutes part of this prospectus nor is incorporated by reference in this prospectus.

Table of Contents

RISK FACTORS

Investing in our common stock involves risks. You should carefully consider the risks and uncertainties discussed in our 2015 Form 10-K, which is incorporated by reference in this prospectus, under the caption Risk Factors, as well as other risks and uncertainties discussed under this caption or any similar caption in the other documents and reports that we file with the SEC on or after the date of this prospectus that are incorporated or deemed to be incorporated by reference in this prospectus as well as other risks and uncertainties described in any applicable prospectus supplement or free writing prospectus that we provide you in connection with an offering of common stock pursuant to this prospectus. These risks and uncertainties could materially affect our business, results of operations or financial condition and cause the value of our common stock to decline. You could lose all or part of your investment.

Table of Contents

FORWARD-LOOKING STATEMENTS

This prospectus (including any prospectus supplement and the information incorporated or deemed to be incorporated by reference in this prospectus) and any free writing prospectus that we may provide to you in connection with an offering of our common stock described in this prospectus contain forward-looking statements that reflect our current views with respect to, among other things, our operations and financial performance. Forward-looking statements include all statements that are not historical facts. In some cases, you can identify these forward-looking statements by the use of words such as outlook, believes, expects, potential, continues, may, will, should, could, approximately, predicts, intends, plans, estimates, anticipates or the negative version of these words or other comparable words. Such forward-looking statements are subject to various risks and uncertainties. Accordingly, there are or will be important factors that could cause actual outcomes or results to differ materially from those indicated in these statements. We believe these factors include but are not limited to those described under Risk Factors in the 2015 Form 10-K. These factors should not be construed as exhaustive and should be read in conjunction with the other cautionary statements that are included, incorporated by reference or deemed to be incorporated by reference in this prospectus. We undertake no obligation to publicly update or review any forward-looking statement, whether as a result of new information, future developments or otherwise, except as required by law.

TRADEMARKS AND SERVICE MARKS

ADVASEPT[®], GPE[®]x, OptiForm[®], Liqui-Gels[®], VegiCaps[®], Zydis[®] and Zy[®]Nano are our registered U.S. and/or foreign trademarks. This prospectus also includes trademarks and trade names owned by other parties, and these trademarks and trade names are the property of their respective owners. We use certain other trademarks and service marks, including Easyburst[®], Galacorin[®], OptiGel[®], OptiGel Bio[®], OptiMelt[®], OptiPact[®], OptiShell[®], Savorgel[®], SMARTag[®], Softdrop[®] and Zydis Bio[®] on an unregistered basis in the United States.

Solely for convenience, the trademarks, service marks and trade names referred to in this prospectus may appear without the [®] and symbols, but such references are not intended to indicate, in any way, that we will not assert, to the fullest extent under applicable law, our rights or the rights of the applicable licensors to these trademarks, service marks, and trade names.

Table of Contents

USE OF PROCEEDS

In the case of a sale of shares of our common stock by us, the use of proceeds will be specified in the applicable prospectus supplement. In the case of a sale of shares of our common stock by any selling stockholders, we will not receive any of the proceeds from such sale.

Table of Contents

SELLING STOCKHOLDERS

Information about selling stockholders, where applicable, will be set forth in a prospectus supplement, in a post-effective amendment or in filings we will make with the SEC, which are incorporated into this prospectus by reference.

Table of Contents

DESCRIPTION OF CAPITAL STOCK

The following is a description of the material terms of, and is qualified in its entirety by, our amended and restated certificate of incorporation and amended and restated bylaws, each of which are filed as exhibits to the registration statement of which this prospectus is a part.

Our purpose is to engage in any lawful act or activity for which corporations may now or hereafter be organized under the General Corporation Law of the State of Delaware (the "DGCL"). Our authorized capital stock consists of 1,000,000,000 shares of common stock, par value \$0.01 per share, and 100,000,000 shares of preferred stock, par value \$0.01 per share. No shares of preferred stock are issued or outstanding as of the date of this prospectus. Unless our board of directors determines otherwise, we will issue all shares of our capital stock in uncertificated form.

Common Stock

Holders of our common stock are entitled to one vote for each share held of record on all matters submitted to a vote of stockholders, including the election or removal of directors. The holders of our common stock do not have cumulative voting rights in the election of directors. Upon our liquidation, dissolution or winding up and after payment in full of all amounts required to be paid to creditors and to the holders of preferred stock having liquidation preferences, if any, the holders of our common stock will be entitled to receive pro rata our remaining assets available for distribution. Holders of our common stock do not have preemptive, subscription, redemption or conversion rights. Our common stock is not subject to further calls or assessment by us. There are no redemption or sinking fund provisions applicable to the common stock. All shares of our common stock are fully paid and non-assessable. The rights, powers, preferences and privileges of holders of our common stock will be subject to those of the holders of any shares of our preferred stock we may authorize and issue in the future.

Preferred Stock

Our amended and restated certificate of incorporation authorizes our board of directors to establish one or more series of preferred stock (including convertible preferred stock). Unless required by law or by the NYSE, the authorized shares of preferred stock will be available for issuance without further action by you. Our board of directors may determine, with respect to any series of preferred stock, the powers, including preferences and relative participations, optional or other special rights, and the qualifications, limitations or restrictions, of that series, including, without limitation:

the designation of the series;

the number of shares of the series, which our board of directors may, except where otherwise provided in the preferred stock designation, increase (but not above the total number of authorized shares of the class) or decrease (but not below the number of shares then outstanding);

whether dividends, if any, will be cumulative or non-cumulative and the dividend rate of the series;

the dates at which dividends, if any, will be payable;

the redemption rights and price or prices, if any, for shares of the series;

the terms and amounts of any sinking fund provided for the purchase or redemption of shares of the series;

the amounts payable on shares of the series in the event of any voluntary or involuntary liquidation, dissolution or winding-up of our affairs;

whether the shares of the series will be convertible into shares of any other class or series, or any other security, of us or any other corporation, and, if so, the specification of the other class or series or other security, the conversion price or prices or rate or rates, any rate adjustments, the date or dates as of which the shares will be convertible and all other terms and conditions upon which the conversion may be made;

Table of Contents

restrictions on the issuance of shares of the same series or of any other class or series; and

the voting rights, if any, of the holders of the series.

We could issue a series of preferred stock that could, depending on the terms of the series, impede or discourage an acquisition attempt or other transaction that some, or a majority, of the holders of our common stock might believe to be in their best interests or in which the holders of our common stock might receive a premium for their common stock over the market price of the common stock. Additionally, the issuance of preferred stock may adversely affect the rights of holders of our common stock by restricting dividends on the common stock, diluting the voting power of the common stock or subordinating the liquidation rights of the common stock. As a result of these or other factors, the issuance of preferred stock could have an adverse impact on the market price of our common stock.

Dividends

The DGCL permits a corporation to declare and pay dividends out of surplus or, if there is no surplus, out of its net profits for the fiscal year in which the dividend is declared and/or the preceding fiscal year. Surplus is defined as the excess of the net assets of the corporation over the amount determined to be the capital of the corporation by the board of directors. The capital of the corporation is typically calculated to be (and cannot be less than) the aggregate par value of all issued shares of capital stock. Net assets equals the fair value of total assets minus total liabilities. The DGCL also provides that dividends may not be paid out of net profits if, after the payment of the dividend, capital is less than the capital represented by the outstanding stock of all classes having a preference upon the distribution of assets.

Declaration and payment of any dividend will be subject to the discretion of our board of directors. The time and amount of dividends will be dependent upon our financial condition, operations, cash requirements and availability, debt repayment obligations, capital expenditure needs and restrictions in our debt instruments, industry trends, the provisions of Delaware law affecting the payment of distributions to stockholders and any other factors our board of directors may consider relevant.

We have no current plans to pay dividends on our common stock. Any decision to declare and pay dividends in the future will be made at the sole discretion of our board of directors and will depend on, among other things, our results of operations, cash requirements, financial condition, contractual restrictions and other factors that our board of directors may deem relevant. Because we are a holding company and have no direct operations, we will only be able to pay dividends from funds we receive from our subsidiaries. In addition, our ability to pay dividends will be limited by covenants in our existing indebtedness and may be limited by the agreements governing other indebtedness we or our subsidiaries incur in the future.

Annual Stockholder Meetings

Our amended and restated bylaws provide that annual stockholder meetings will be held at a date, time and place, if any, as exclusively selected by our board of directors. To the extent permitted under applicable law, we may conduct meetings by remote communications, including by webcast.

Anti-Takeover Effects of Our Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws and Certain Provisions of Delaware Law

Our amended and restated certificate of incorporation, amended and restated bylaws and the DGCL contain provisions, which are summarized in the following paragraphs, that are intended to enhance the likelihood of

continuity and stability in the composition of our board of directors. These provisions are intended to avoid costly takeover battles, reduce our vulnerability to a hostile change of control and enhance the ability of our board of directors to maximize stockholder value in connection with any unsolicited offer to acquire us.

Table of Contents

However, these provisions may have an anti-takeover effect and may delay, deter or prevent a merger or acquisition of the Company by means of a tender offer, a proxy contest or other takeover attempt that a stockholder might consider in its best interest, including those attempts that might result in a premium over the prevailing market price for the shares of common stock held by stockholders.

Authorized but Unissued Capital Stock

Delaware law does not require stockholder approval for any issuance of authorized shares. However, the listing requirements of the NYSE, which would apply if and so long as our common stock remains listed on the NYSE, require stockholder approval of certain issuances equal to or exceeding 20% of the then outstanding voting power or then outstanding number of shares of common stock. Additional shares that may be used in the future may be issued for a variety of corporate purposes, including future public offerings, to raise additional capital or to facilitate acquisitions.

Our board of directors may generally issue preferred shares on terms calculated to discourage, delay or prevent a change of control of the Company or the removal of our management. Moreover, our authorized but unissued shares of preferred stock will be available for future issuances without stockholder approval and could be utilized for a variety of corporate purposes, including future offerings to raise additional capital, to facilitate acquisitions and employee benefit plans.

One of the effects of the existence of unissued and unreserved common stock or preferred stock may be to enable our board of directors to issue shares to persons friendly to current management, which issuance could render more difficult or discourage an attempt to obtain control of the Company by means of a merger, tender offer, proxy contest or otherwise, and thereby protect the continuity of our management and possibly deprive our stockholders of opportunities to sell their shares of common stock at prices higher than prevailing market prices.

Classified Board of Directors

Our amended and restated certificate of incorporation provides that our board of directors will be divided into three classes of directors, with the classes to be as nearly equal in number as possible, and with the directors serving three-year terms. As a result, approximately one-third of our board of directors will be elected each year. The classification of directors will have the effect of making it more difficult for stockholders to change the composition of our board of directors. Our amended and restated certificate of incorporation and amended and restated bylaws provide that, subject to any rights of holders of preferred stock to elect additional directors under specified circumstances, the number of directors will be fixed from time to time exclusively pursuant to a resolution adopted by the board of directors.

Business Combinations

We have opted out of Section 203 of the DGCL; however, our amended and restated certificate of incorporation contains similar provisions providing that we may not engage in certain business combinations with any interested stockholder for a three-year period following the time that the stockholder became an interested stockholder, unless:

prior to such time, our board of directors approved either the business combination or the transaction which resulted in the stockholder becoming an interested stockholder;

upon consummation of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of our voting stock outstanding at the time the transaction commenced, excluding certain shares; or

at or subsequent to that time, the business combination is approved by our board of directors and by the affirmative vote of holders of at least 66-2/3% of our outstanding voting stock that is not owned by the interested stockholder.

Table of Contents

Generally, a business combination includes a merger, asset or stock sale or other transaction resulting in a financial benefit to the interested stockholder. Subject to certain exceptions, an interested stockholder is a person who, together with that person's affiliates and associates, owns, or within the previous three years owned, 15% or more of our outstanding voting stock. For purposes of this section only, voting stock has the meaning given to it in Section 203 of the DGCL.

Under certain circumstances, this provision will make it more difficult for a person who would be an interested stockholder to effect various business combinations with us for a three-year period. This provision may encourage companies interested in acquiring us to negotiate in advance with our board of directors because the stockholder approval requirement would be avoided if our board of directors approves either the business combination or the transaction which results in the stockholder becoming an interested stockholder. These provisions also may have the effect of preventing changes in our board of directors and may make it more difficult to accomplish transactions which stockholders may otherwise deem to be in their best interests.

Our amended and restated certificate of incorporation provides that Blackstone and its affiliates, and any of their respective direct or indirect transferees and any group as to which such persons are a party, do not constitute interested stockholders for purposes of this provision.

Removal of Directors; Vacancies

Under the DGCL, unless otherwise provided in our amended and restated certificate of incorporation, directors serving on a classified board may be removed by the stockholders only for cause. Our amended and restated certificate of incorporation provides that directors may be removed with or without cause upon the affirmative vote of a majority in voting power of all outstanding shares of stock entitled to vote generally in the election of directors, voting together as a single class; provided, however, at any time when Blackstone and its affiliates beneficially own in the aggregate, less than 40% of the voting power of all outstanding shares of our stock entitled to vote generally in the election of directors, directors may only be removed for cause, and only upon the affirmative vote of holders of at least 66-2/3% of the voting power of all the then outstanding shares of stock entitled to vote generally in the election of directors, voting together as a single class. In addition, our amended and restated certificate of incorporation also provides that, subject to the rights granted to one or more series of preferred stock then outstanding or the rights granted under the stockholders agreement with Blackstone, any vacancies on our board of directors will be filled only by the affirmative vote of a majority of the remaining directors, even if less than a quorum, by a sole remaining director or by the stockholders; provided, however, at any time when Blackstone and its affiliates beneficially own, in the aggregate, less than 40% in voting power of the stock of the Company entitled to vote generally in the election of directors, any newly created directorship on the board of directors that results from an increase in the number of directors and any vacancy occurring in the board of directors may only be filled by a majority of the directors then in office, although less than a quorum, or by a sole remaining director (and not by the stockholders). Since March 9, 2015, Blackstone and its affiliates have beneficially owned, in the aggregate, less than 40% of the voting power of the stock of the Company.

No Cumulative Voting

Under Delaware law, the right to vote cumulatively does not exist unless the certificate of incorporation specifically authorizes cumulative voting. Our amended and restated certificate of incorporation does not authorize cumulative voting. Therefore, stockholders holding a majority of the shares of our stock entitled to vote generally in the election of directors will be able to elect all our directors.

Special Stockholder Meetings

Our amended and restated certificate of incorporation provides that special meetings of our stockholders may be called at any time only by or at the direction of the board of directors or the chairman of the board of

Table of Contents

directors; provided, however, at any time when Blackstone and its affiliates beneficially own, in the aggregate, at least 40% in voting power of the stock entitled to vote generally in the election of directors, special meetings of our stockholders shall also be called by the board of directors or the chairman of the board of directors at the request of Blackstone and its affiliates. Our amended and restated bylaws prohibit the conduct of any business at a special meeting other than as specified in the notice for such meeting. These provisions may have the effect of deferring, delaying or discouraging hostile takeovers, or changes in control or management of the Company. Since March 9, 2015, Blackstone and its affiliates have beneficially owned, in the aggregate, less than 40% of the voting power of the stock of the Company.

Director Nominations and Stockholder Proposals

Our amended and restated bylaws establish advance notice procedures with respect to stockholder proposals and the nomination of candidates for election as directors, other than nominations made by or at the direction of the board of directors or a committee of the board of directors. In order for any matter to be properly brought before a meeting, a stockholder will have to comply with advance notice requirements and provide us with certain information. Generally, to be timely, a stockholder's notice must be received at our principal executive offices neither less than 90 days nor more than 120 days prior to the first anniversary date of the immediately preceding annual meeting of stockholders. Our amended and restated bylaws also specify requirements as to the form and content of a stockholder's notice. These provisions will not apply to Blackstone and its affiliates so long as the stockholders agreement remains in effect. Our amended and restated bylaws allow the chairman of the meeting at a meeting of the stockholders to adopt rules and regulations for the conduct of meetings which may have the effect of precluding the conduct of certain business at a meeting if the rules and regulations are not followed. These provisions may also defer, delay or discourage a potential acquirer from conducting a solicitation of proxies to elect the acquirer's own slate of directors or otherwise attempting to influence or obtain control of the Company.

Stockholder Action by Written Consent

Pursuant to Section 228 of the DGCL, any action required to be taken at any annual or special meeting of the stockholders may be taken without a meeting, without prior notice and without a vote if a consent or consents in writing, setting forth the action so taken, is or are signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares of our stock entitled to vote thereon were present and voted, unless our amended and restated certificate of incorporation provides otherwise. Our amended and restated certificate of incorporation precludes stockholder action by written consent at any time when Blackstone and its affiliates own, in the aggregate, less than 40% in voting power of our stock entitled to vote generally in the election of directors. Since March 9, 2015, Blackstone and its affiliates have beneficially owned, in the aggregate, less than 40% of the voting power of the stock of the Company.

Supermajority Provisions

Our amended and restated certificate of incorporation and amended and restated bylaws provide that the board of directors is expressly authorized to make, alter, amend, change, add to, rescind or repeal, in whole or in part, our bylaws without a stockholder vote in any matter not inconsistent with the laws of the State of Delaware or our amended and restated certificate of incorporation. For as long as Blackstone and its affiliates beneficially own, in the aggregate, at least 40% in voting power of our stock entitled to vote generally in the election of directors, any amendment, alteration, change, addition or repeal of our bylaws by our stockholders requires the affirmative vote of a majority in voting power of the outstanding shares of our stock present in person or represented by proxy and entitled to vote on such amendment, alteration, rescission or repeal. At any time when Blackstone and its affiliates beneficially own, in the aggregate, less than 40% in voting power of our stock entitled to vote generally in the election of directors,

any amendment, alteration, rescission or repeal of our bylaws by our stockholders requires the affirmative vote of the holders of at least 66-2/3% in voting power of all the then outstanding shares of stock entitled to vote thereon, voting together as a single class.

Table of Contents

The DGCL provides generally that the affirmative vote of a majority of the outstanding shares entitled to vote thereon, voting together as a single class, is required to amend a corporation's certificate of incorporation, unless the certificate of incorporation requires a greater percentage.

Our amended and restated certificate of incorporation provides that at any time when Blackstone and its affiliates beneficially own, in the aggregate, less than 40% in voting power of our stock entitled to vote generally in the election of directors, the following provisions in our amended and restated certificate of incorporation may be amended, altered, repealed or rescinded only by the affirmative vote of the holders of at least 66-2/3% in voting power of the then outstanding shares of our stock entitled to vote thereon, voting together as a single class:

the provision requiring a 66-2/3% supermajority vote for stockholders to amend our bylaws;

the provisions providing for a classified board of directors (the election and term of our directors);

the provisions regarding resignation and removal of directors;

the provisions regarding competition and corporate opportunities;

the provisions regarding entering into business combinations with interested stockholders;

the provisions regarding stockholder action by written consent;

the provisions regarding calling special meetings of stockholders;

the provisions regarding filling vacancies on our board of directors and newly created directorships;

the provisions eliminating monetary damages for breaches of fiduciary duty by a director; and

the amendment provision requiring that the above provisions be amended only with a 66-2/3% supermajority vote.

The combination of the classification of our board of directors, the lack of cumulative voting and the supermajority voting requirements will make it more difficult for our existing stockholders to replace our board of directors as well as for another party to obtain control of us by replacing our board of directors. Because our board of directors has the power to retain and discharge our officers, these provisions could also make it more difficult for existing stockholders or another party to effect a change in management.

These provisions may have the effect of deterring hostile takeovers or delaying or preventing changes in control of our management or the Company, such as a merger, reorganization or tender offer. These provisions are intended to enhance the likelihood of continued stability in the composition of our board of directors and its policies and to discourage certain types of transactions that may involve an actual or threatened acquisition of the Company. These provisions are designed to reduce our vulnerability to an unsolicited acquisition proposal. The provisions are also intended to discourage certain tactics that may be used in proxy fights. However, such provisions could have the effect of discouraging others from making tender offers for our shares and, as a consequence, they also may inhibit fluctuations in the market price of our shares that could result from actual or rumored takeover attempts. Such provisions may also have the effect of preventing changes in management.

Since March 9, 2015, Blackstone and its affiliates have beneficially owned, in the aggregate, less than 40% of the voting power of the stock of the Company.

Dissenters Rights of Appraisal and Payment

Under the DGCL, with certain exceptions, our stockholders will have appraisal rights in connection with a merger or consolidation of us. Pursuant to the DGCL, stockholders who properly request and perfect appraisal rights in connection with such merger or consolidation will have the right to receive payment of the fair value of their shares as determined by the Delaware Court of Chancery.

Table of Contents

Stockholders Derivative Actions

Under the DGCL, any of our stockholders may bring an action in our name to procure a judgment in our favor, also known as a derivative action; provided that the stockholder bringing the action is a holder of our shares at the time of the transaction to which the action relates or such stockholder's stock thereafter devolved by operation of law.

Exclusive Forum

Our amended and restated certificate of incorporation provides that unless we consent to the selection of an alternative forum, the Court of Chancery of the State of Delaware shall, to the fullest extent permitted by law, be the sole and exclusive forum for any (i) derivative action or proceeding brought on behalf of our Company, (ii) action asserting a claim of breach of a fiduciary duty owed by any director or officer of our Company to the Company or the Company's stockholders, creditors or other constituents, (iii) action asserting a claim against the Company or any director or officer of the Company arising pursuant to any provision of the DGCL or our amended and restated certificate of incorporation or our amended and restated bylaws or (iv) action asserting a claim against the Company or any director or officer of the Company governed by the internal affairs doctrine, in each such case subject to said Court of Chancery having personal jurisdiction over the indispensable parties named as defendants in such action. Any person or entity purchasing or otherwise acquiring any interest in shares of capital stock of our Company shall be deemed to have notice of and consented to the forum provisions in our amended and restated certificate of incorporation.

Conflicts of Interest

Delaware law permits corporations to adopt provisions renouncing any interest or expectancy in certain opportunities that are presented to the corporation or its officers, directors or stockholders. Our amended and restated certificate of incorporation, to the maximum extent permitted from time to time by Delaware law, renounces any interest or expectancy that we have in, or right to be offered an opportunity to participate in, specified business opportunities that are from time to time presented to our officers, directors or stockholders or their respective affiliates, other than those officers, directors, stockholders or affiliates who are our or our subsidiaries' employees. Our amended and restated certificate of incorporation provides that, to the fullest extent permitted by law, none of Blackstone or any of its affiliates or any director who is not employed by us (including any non-employee director who serves as one of our officers in both his director and officer capacities) or his or her affiliates will have any duty to refrain from (i) engaging in a corporate opportunity in the same or similar lines of business in which we or our affiliates now engage or propose to engage or (ii) otherwise competing with us or our affiliates. In addition, to the fullest extent permitted by law, in the event that Blackstone or any non-employee director acquires knowledge of a potential transaction or other business opportunity which may be a corporate opportunity for itself or himself or its or his affiliates or for us or our affiliates, such person will have no duty to communicate or offer such transaction or business opportunity to us or any of our affiliates and they may take any such opportunity for themselves or offer it to another person or entity. Our amended and restated certificate of incorporation does not renounce our interest in any business opportunity that is expressly offered to a non-employee director solely in his or her capacity as a director or officer of the Company. To the fullest extent permitted by law, no business opportunity will be deemed to be a potential corporate opportunity for us unless we would be permitted to undertake the opportunity under our amended and restated certificate of incorporation, we have sufficient financial resources to undertake the opportunity and the opportunity would be in line with our business.

Limitations on Liability and Indemnification of Officers and Directors

The DGCL authorizes corporations to limit or eliminate the personal liability of directors to corporations and their stockholders for monetary damages for breaches of directors' fiduciary duties, subject to certain exceptions. Our

amended and restated certificate of incorporation includes a provision that eliminates the

Table of Contents

personal liability of directors for monetary damages for any breach of fiduciary duty as a director, except to the extent such exemption from liability or limitation thereof is not permitted under the DGCL. The effect of these provisions is to eliminate the rights of us and our stockholders, through stockholders' derivative suits on our behalf, to recover monetary damages from a director for breach of fiduciary duty as a director, including breaches resulting from grossly negligent behavior. However, exculpation does not apply to any director if the director has acted in bad faith, knowingly or intentionally violated the law, authorized illegal dividends or redemptions or derived an improper benefit from his or her actions as a director.

Our amended and restated bylaws provide that we must indemnify and advance expenses to our directors and officers to the fullest extent authorized by the DGCL. We also are expressly authorized to carry directors' and officers' liability insurance providing indemnification for our directors, officers and certain employees for some liabilities. We believe that these indemnification and advancement provisions and insurance are useful to attract and retain qualified directors and executive officers.

The limitation of liability, advancement and indemnification provisions in our amended and restated certificate of incorporation and amended and restated bylaws may discourage stockholders from bringing a lawsuit against directors for breach of their fiduciary duty. These provisions also may have the effect of reducing the likelihood of derivative litigation against directors and officers, even though such an action, if successful, might otherwise benefit us and our stockholders. In addition, your investment may be adversely affected to the extent we pay the costs of settlement and damage awards against directors and officers pursuant to these indemnification provisions.

We currently are party to indemnification agreements with certain of our directors and officers. These agreements require us to indemnify these individuals to the fullest extent permitted under Delaware law against liabilities that may arise by reason of their service to us, and to advance expenses incurred as a result of any proceeding against them as to which they could be indemnified. These agreements will require us to indemnify these individuals to the fullest extent permitted under Delaware law against liabilities that may arise by reason of their service to us, and to advance expenses incurred as a result of any proceeding against them as to which they could be indemnified.

There is currently no pending material litigation or proceeding involving any of our directors, officers or employees for which indemnification is sought.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A.

Listing

Our common stock is listed on the New York Stock Exchange under the symbol `CTLT`.

Table of Contents

PLAN OF DISTRIBUTION

We and/or the selling stockholders, if applicable, may sell the shares of our common stock covered by this prospectus in any of the following ways (or in any combination):

to or through underwriters or dealers;

directly to one or more purchasers;

through agents; or

through a combination of any of these methods of sale.

Each time that we sell shares of our common stock covered by this prospectus, we will provide a prospectus supplement that will describe the method of distribution and set forth the terms and conditions of the offering of such shares, including:

the name or names of any underwriters, dealers or agents and the amounts of shares underwritten or purchased by each of them;

the offering price of the shares and the proceeds to us and/or the selling stockholders, if applicable, and any underwriting discounts, commissions, concessions or agency fees allowed or reallocated or paid to dealers;

any options under which underwriters may purchase additional shares from us and/or the selling stockholders; and

any securities exchange or market on which the shares may be listed or traded.

Any offering price and any discounts, commissions, concessions or agency fees allowed or reallocated or paid to dealers may be changed from time to time. We may determine the price or other terms of the shares of our common stock offered under this prospectus by use of an electronic auction. We will describe how any auction will determine the price or any other terms, how potential investors may participate in the auction and the nature of the obligations of the underwriter, dealer or agent in the applicable prospectus supplement.

We and/or the selling stockholders, if applicable, may distribute the shares from time to time in one or more transactions:

at a fixed price or at prices that may be changed from time to time;

at market prices prevailing at the time of sale;

at prices relating to such prevailing market prices; or

at negotiated prices.

Underwriters, dealers or any other third parties described above may offer and sell the offered shares from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. If underwriters or dealers are used in the sale of any shares, the shares will be acquired by the underwriters or dealers for their own account and may be resold from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. The shares may be either offered to the public through underwriting syndicates represented by managing underwriters, or directly by underwriters. Generally, the underwriters' obligations to purchase the shares will be subject to certain conditions precedent. The underwriters will be obligated to purchase all of the shares if they purchase any of the shares (other than any shares purchased upon exercise of any over-allotment option), unless otherwise specified in the prospectus supplement. We may use underwriters with whom we have a material relationship. We will describe the nature of any such relationship in the prospectus supplement, naming the underwriter or underwriters.

Table of Contents

We and/or the selling stockholders, if applicable, may sell the shares through agents from time to time. The prospectus supplement will name any agent involved in the offer or sale of the shares and any commissions paid to them. Generally, any agent will be acting on a best efforts basis for the period of its appointment. We may engage in at the market offerings into an existing trading market in accordance with Rule 415(a)(4) under the Securities Act. We may authorize underwriters, dealers or agents to solicit offers by certain purchasers to purchase the shares from us at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. These contracts will be subject only to those conditions set forth in the prospectus supplement, and the prospectus supplement will set forth any commissions to be paid for solicitation of these contracts. Any underwriters, broker-dealers and agents that participate in the distribution of the shares may be deemed to be underwriters as defined in the Securities Act. Any commissions paid or any discounts or concessions allowed to any such persons, and any profits they receive on resale of the shares, may be deemed to be underwriting discounts and commissions under the Securities Act. We will identify any underwriters or agents and describe their compensation in a prospectus supplement.

Offered shares may also be offered and sold, if so indicated in the applicable prospectus supplement, in connection with a remarketing upon their purchase, in accordance with a redemption or repayment pursuant to their terms, or otherwise, by one or more marketing firms, acting as principals for their own accounts or as agents for us. Any remarketing firm will be identified and the terms of its agreements, if any, with us and its compensation will be described in the applicable prospectus supplement.

Underwriters or agents may purchase and sell the shares in the open market. These transactions may include over-allotment, stabilizing transactions, syndicate covering transactions and penalty bids.

Over-allotment involves sales in excess of the offering size, which creates a short position. Stabilizing transactions consist of bids or purchases for the purpose of preventing or retarding a decline in the market price of the shares and are permitted so long as the stabilizing bids do not exceed a specified maximum. Syndicate covering transactions involve the placing of any bid on behalf of the underwriting syndicate or the effecting of any purchase to reduce a short position created in connection with the offering. The underwriters or agents also may impose a penalty bid, which permits them to reclaim selling concessions allowed to syndicate members or certain dealers if they repurchase the shares in stabilizing or covering transactions. These activities may stabilize, maintain or otherwise affect the market price of the shares, which may be higher than the price that might otherwise prevail in the open market. These activities, if begun, may be discontinued at any time. These transactions may be effected on any exchange on which the shares are traded, in the over-the-counter market or otherwise.

Our common stock is listed on the New York Stock Exchange under the symbol **CTLT**.

If at the time of any offering made under this prospectus a member of FINRA participating in the offering has a conflict of interest as defined in FINRA's Rule 5121 (Rule 5121), that offering will be conducted in accordance with the relevant provisions of Rule 5121.

There can be no assurance that we will sell all or any of the shares of common stock offered by this prospectus.

Agents, dealers and underwriters may be entitled to indemnification by us and the selling stockholders against certain civil liabilities, including liabilities under the Securities Act, or to contribution with respect to payments which the agents, dealers or underwriters may be required to make in respect thereof.

The specific terms of the lock-up provisions in respect of any given offering will be described in the applicable prospectus supplement.

Table of Contents

LEGAL MATTERS

Unless we state otherwise in the applicable prospectus supplement, the validity of the shares of common stock will be passed upon for us by Simpson Thacher & Bartlett LLP, New York, New York. An investment vehicle comprised of selected partners of Simpson Thacher & Bartlett LLP, members of their families, related persons and others owns an interest representing less than 1% of the capital commitments of funds affiliated with The Blackstone Group L.P.

EXPERTS

Ernst & Young LLP, independent registered public accounting firm, has audited our consolidated financial statements and schedule included in our 2015 Form 10-K, as set forth in their report, which is incorporated by reference in this prospectus and elsewhere in the registration statement. Our financial statements and schedule are incorporated by reference in reliance on Ernst & Young LLP's report given on their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus is a part of the registration statement on Form S-3 we filed with the SEC under the Securities Act and does not contain all the information set forth in the registration statement. Whenever a reference is made in this prospectus to any of our contracts, agreements or other documents, the reference may not be complete and you should refer to the exhibits that are a part of the registration statement or the exhibits to the reports or other documents incorporated by reference in this prospectus for a copy of such contract, agreement or other document. Because we are subject to the information and reporting requirements of the Exchange Act, we file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public at the SEC's website at <http://www.sec.gov>. You may also read and copy any document we file at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the Public Reference Room.

INFORMATION INCORPORATED BY REFERENCE

The rules of the SEC allow us to incorporate information into this prospectus by reference. The information incorporated by reference is considered to be a part of this prospectus. This prospectus incorporates by reference the documents listed below and all documents that we file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus, from their respective filing dates:

our Annual Report on Form 10-K for the fiscal year ended June 30, 2015 and Amendment No. 1 to such annual report on Form 10-K/A filed on November 3, 2015;

our Quarterly Reports on Form 10-Q for the periods ended September 30, 2015, December 31, 2015 and March 31, 2016;

our Definitive Proxy Statement on Schedule 14A, filed on September 16, 2015 (solely those portions that were incorporated by reference into Part III of our Annual Report on Form 10-K for the fiscal year ended June 30, 2015);

Edgar Filing: Catalent, Inc. - Form 424B3

our Current Reports on Form 8-K, filed on July 30, 2015, October 30, 2015, November 3, 2015 (excluding information under Item 2.02 and Item 9.01), November 16, 2015 and April 29, 2016; and

the description of our common stock contained in our Registration Statement on Form 8-A filed on July 31, 2014, including all amendments and reports filed for the purpose of updating such description.

Table of Contents

Any statement made in this prospectus or in a document incorporated by reference into this prospectus will be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus modifies or supersedes that statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

You can obtain any of the filings incorporated by reference into this prospectus through us or from the SEC through the SEC's website at <http://www.sec.gov>. We will provide, without charge, to each person, including any beneficial owner, to whom a copy of this prospectus is delivered, upon written or oral request of such person, a copy of any or all of the reports and documents referred to above which have been or may be incorporated by reference into this prospectus. You should direct requests for those documents to:

Catalent, Inc.

14 Schoolhouse Road

Somerset, NJ 08873

Attn: Corporate Secretary

Tel.: (732) 537-6200

Email: CorpSec@catalent.com

Our reports and documents incorporated by reference into this prospectus may also be found in the Investors section of our website at www.catalent.com. Our website and the information contained in it or connected to it shall not be deemed to be incorporated into this prospectus or any registration statement of which it forms a part.

Table of Contents

18,991,827 Shares

Catalent, Inc.

Common Stock

PROSPECTUS SUPPLEMENT

Goldman, Sachs & Co.

Deutsche Bank Securities

Morgan Stanley

September 6, 2016