

ChromaDex Corp.  
Form 424B3  
November 10, 2011

Filed Pursuant to Rule 424(b)(3)  
Registration No. 333-172882

PROSPECTUS SUPPLEMENT NO. 4  
(to Prospectus dated March 24, 2011)

#### CHROMADDEX CORPORATION

This is a prospectus supplement to our prospectus dated March 24, 2011 (the “Prospectus”) relating to the resale from time to time by selling stockholders of up to 14,547,036 shares of our common stock, including shares issuable upon exercise of outstanding warrants. On November 10, 2011, we filed with the Securities and Exchange Commission a Quarterly Report on Form 10-Q. The text of the Current Report on Form 10-Q is attached to and is a part of this supplement.

This prospectus supplement should be read in conjunction with the Prospectus and may not be delivered or utilized without the Prospectus. This prospectus supplement is qualified by reference to the Prospectus, except to the extent that the information provided by this prospectus supplement supersedes the information contained in the Prospectus.

The securities offered by the Prospectus involve a high degree of risk. You should carefully consider the “Risk Factors” referenced on pages 4-15 of the Prospectus in determining whether to purchase the common stock.

The date of this prospectus supplement is November 10, 2011.

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 10-Q

x QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d)  
OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended October 1, 2011

Commission File Number: 000-53290

CHROMADEX CORPORATION  
(Exact Name of Registrant as Specified in its Charter)

Delaware 26-2940963  
(State or other jurisdiction of incorporation or (I.R.S. Employer Identification No.)  
organization)

10005 Muirlands Blvd. Suite G, Irvine, California 92618  
(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (949)-419-0288

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes x No o

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (Section 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes x No o

Indicate by check mark whether the registrant is a large accelerated filer, accelerated filer, non-accelerated filer or smaller reporting company. See definition of "large accelerated filer, accelerated filer and smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer o Accelerated filer o  
Non-accelerated filer o Smaller reporting company x  
(Do not check if smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).  
Yes o No x

Number of shares of common stock of the registrant: 74,609,996 outstanding as of November 10, 2011.

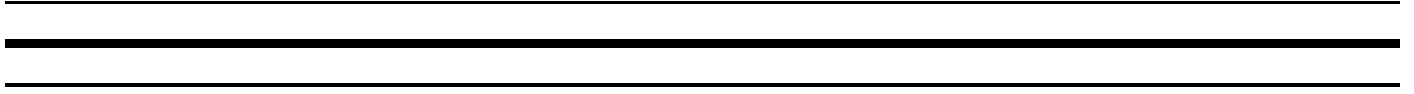


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## CHROMADEx CORPORATION

## 2011 QUARTERLY REPORT ON FORM 10-Q

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## PART I – FINANCIAL INFORMATION (UNAUDITED)

## ITEM 1. FINANCIAL STATEMENTS

## ChromaDex Corporation and Subsidiaries

## Condensed Consolidated Balance Sheets (Unaudited)

October 1, 2011 and January 1, 2011

Assets	October 1, 2011	January 1, 2011
<b>Current Assets</b>		
Cash	\$2,069,308	\$2,226,459
Trade receivables, less allowance for doubtful accounts October 1, 2011 \$14,000; January 1, 2011 \$18,000	648,832	1,001,563
Inventories	2,500,798	1,423,035
Prepaid expenses and other assets	613,724	243,967
Total current assets	5,832,662	4,895,024
Leasehold Improvements and Equipment, net	1,182,453	1,303,108
<b>Deposits and Other Noncurrent Assets</b>		
Deposits	43,160	31,415
Intangible assets, net	248,012	277,855
Total deposits and other noncurrent assets	291,172	309,270
Total assets	\$7,306,287	\$6,507,402
<b>Liabilities and Stockholders' Equity</b>		
<b>Current Liabilities</b>		
Accounts payable	\$1,306,547	\$514,598
Accrued expenses	712,473	371,020
Current maturities of capital lease obligations	70,876	78,577
Customer deposits and other	239,754	112,427
Deferred rent, current	59,933	62,664
Total current liabilities	2,389,583	1,139,286
Capital lease obligations, less current maturities	147,884	198,071
Deferred rent, less current	215,739	233,822
<b>Stockholders' Equity</b>		
Common stock, \$.001 par value; authorized 150,000,000 shares; issued and outstanding October 1, 2011 72,939,996 shares; January 1, 2011 60,875,325 shares	72,940	60,875
Additional paid-in capital	20,043,209	15,034,550
Accumulated deficit	(15,563,068 )	(10,159,202 )
Total stockholders' equity	4,553,081	4,936,223

Total liabilities and stockholders' equity	\$7,306,287	\$6,507,402
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See Notes to Condensed Consolidated Financial Statements.

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## ChromaDex Corporation and Subsidiaries

Condensed Consolidated Statements of Operations (Unaudited)  
For the Three Month Periods Ended October 1, 2011 and October 2, 2010

	October 1, 2011	October 2, 2010
Sales	\$1,827,568	\$1,562,352
Cost of sales	1,361,101	1,059,626
Gross profit	466,467	502,726
Operating expenses:		
Sales and marketing	650,516	235,582
General and administrative	2,213,636	1,140,815
Operating expenses	2,864,152	1,376,397
Operating loss	(2,397,685 )	(873,671 )
Nonoperating income (expenses):		
Interest income	295	578
Interest expense	(7,522 )	(10,130 )
Nonoperating expenses	(7,227 )	(9,552 )
Net loss	\$(2,404,912 )	\$(883,223 )
Basic and Diluted loss per common share	\$(0.03 )	\$(0.01 )
Basic and Diluted weighted average common shares outstanding	70,625,913	60,118,183

See Notes to Condensed Consolidated Financial Statements.



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## ChromaDex Corporation and Subsidiaries

Condensed Consolidated Statements of Operations (Unaudited)  
For the Nine Month Periods Ended October 1, 2011 and October 2, 2010

	October 1, 2011	October 2, 2010
Sales	\$6,304,789	\$5,533,805
Cost of sales	4,237,008	3,437,417
Gross profit	2,067,781	2,096,388
Operating expenses:		
Sales and marketing	1,661,998	688,552
General and administrative	5,786,204	2,535,386
Operating expenses	7,448,202	3,223,938
Operating loss	(5,380,421 )	(1,127,550 )
Nonoperating income (expenses):		
Interest income	1,159	1,095
Interest expense	(24,604 )	(26,555 )
Nonoperating expenses	(23,445 )	(25,460 )
Net loss	\$(5,403,866 )	\$(1,153,010 )
Basic and Diluted loss per common share	\$(0.08 )	\$(0.03 )
Basic and Diluted weighted average common shares outstanding	66,190,731	44,193,266

See Notes to Condensed Consolidated Financial Statements.

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ChromaDex Corporation and Subsidiaries  
Condensed Consolidated Statement of Stockholders' Equity (Unaudited)  
Nine Months Ended October 1, 2011

	Common Stock		Additional	Accumulated	Total
	Shares	Amount	Paid-in Capital	Deficit	Stockholders' Equity
Balance, January 1, 2011	60,875,325	\$60,875	\$15,034,550	\$(10,159,202 )	\$4,936,223
Share-based compensation	-	-	737,019	-	737,019
Exercise of stock options	29,149	29	19,319	-	19,348
Exercise of warrants	2,285,709	2,286	477,713	-	479,999
Net loss	-	-	-	(1,156,385 )	(1,156,385 )
Balance, April 2, 2011	63,190,183	63,190	16,268,601	(11,315,587 )	5,016,204
Share-based compensation	-	-	768,704	-	768,704
Exercise of stock options	14,099	14	7,036	-	7,050
Exercise of warrants	2,514,284	2,514	525,485	-	527,999
Net loss	-	-	-	(1,842,569 )	(1,842,569 )
Balance, July 2, 2011	65,718,566	65,718	17,569,826	(13,158,156 )	4,477,388
Share-based compensation	-	-	964,104	-	964,104
Exercise of warrants	7,221,430	7,222	1,509,279	-	1,516,501
Net loss	-	-	-	(2,404,912 )	(2,404,912 )
Balance, October 1, 2011	72,939,996	\$72,940	\$20,043,209	\$(15,563,068 )	\$4,553,081

See Notes to Condensed Consolidated Financial Statements.

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## ChromaDex Corporation and Subsidiaries

Condensed Consolidated Statements of Cash Flows (Unaudited)  
For the Nine Month Periods Ended October 1, 2011 and October 2, 2010

	October 1, 2011	October 2, 2010
<b>Cash Flows From Operating Activities</b>		
Net loss	\$(5,403,866 )	\$(1,153,010 )
Adjustments to reconcile net loss to net cash (used in) operating activities:		
Depreciation	247,024	232,786
Amortization of intangibles	55,843	55,053
Share-based compensation expense	2,469,827	706,221
Changes in operating assets and liabilities:		
Trade receivables	352,731	(86,376 )
Inventories	(1,077,763 )	(545,563 )
Prepaid expenses and other assets	(381,502 )	(171,821 )
Accounts payable	791,949	267,294
Accrued expenses	341,453	113,244
Customer deposits and other	127,327	(37,866 )
Deferred rent	(20,814 )	(16,497 )
Due to officers	-	(1,178,206 )
Net cash (used in) operating activities	(2,497,791 )	(1,814,741 )
<b>Cash Flows From Investing Activities</b>		
Purchases of leasehold improvements and equipment	(126,369 )	(124,759 )
Purchase of intangible assets	(26,000 )	(30,000 )
Net cash (used in) investing activities	(152,369 )	(154,759 )
<b>Cash Flows From Financing Activities</b>		
Proceeds from issuance of common stock	-	3,486,626
Proceeds from exercise of stock options	26,398	-
Proceeds from exercise of warrants	2,524,499	1,041,749
Principal payments on capital leases	(57,888 )	(44,621 )
Net cash provided by financing activities	2,493,009	4,483,754
Net increase (decrease) in cash	(157,151 )	2,514,254
Cash Beginning of Period	2,226,459	471,378
Cash Ending of Period	\$2,069,308	\$2,985,632
<b>Supplemental Disclosures of Cash Flow Information</b>		
Cash payments for interest	\$24,604	\$26,555
<b>Supplemental Schedule of Noncash Investing Activity</b>		
Capital lease obligation incurred for the purchase of equipment	\$-	\$264,958

See Notes to Condensed Consolidated Financial Statements.

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Note 1. Interim Financial Statements

The accompanying financial statements of ChromaDex Corporation and its wholly owned subsidiaries, ChromaDex, Inc. and ChromaDex Analytics, Inc. (collectively, the “Company”) include all adjustments, consisting of normal recurring adjustments and accruals, that, in the opinion of the management of the Company, are necessary for a fair presentation of our financial position as of October 1, 2011 and results of operations and cash flows for the three and nine months ended October 1, 2011 and October 2, 2010. These unaudited interim financial statements should be read in conjunction with the Company’s audited financial statements and the notes thereto for the year ended January 1, 2011 appearing in the Company’s Annual Report on Form 10-K filed with the Securities and Exchange Commission (the “Commission”) on March 16, 2011. Operating results for the nine months ended October 1, 2011 are not necessarily indicative of the results to be achieved for the full year ending on December 31, 2011. The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the period. Actual results could differ from those estimates.

The balance sheet at January 1, 2011 has been derived from the audited financial statements at that date, but does not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements.

Note 2. Nature of Business and Significant Accounting Policies

Nature of business: The Company is a natural products company that provides proprietary, science-based solutions and ingredients to the dietary supplement, food and beverage, cosmetic and pharmaceutical industries. The Company supplies ingredients, phytochemical reference standards, and related phytochemical products and services. The Company recently launched its BluScience retail consumer line based on its proprietary ingredients. The Company provides these products and services at various terms with payment terms of primarily net 30 days.

Basis of presentation: The financial statements and accompanying notes have been prepared on a consolidated basis and reflect the consolidated financial position of the Company and its wholly owned subsidiaries. All significant intercompany balances and transactions have been eliminated from these financial statements. The Company's fiscal year ends on the Saturday closest to December 31, and the Company’s normal fiscal quarters end on the Saturday 13 weeks after the last fiscal year end or fiscal quarter end. Every fifth or sixth fiscal year, the inclusion of an extra week occurs due to the Company’s floating year-end date. The fiscal year 2014 will include 53 weeks instead of the normal 52 weeks.

Advertising: The Company expenses the production costs of advertising the first time the advertising takes place. Advertising expense for the nine month periods ended October 1, 2011 and October 2, 2010 were \$215,003 and \$88,938, respectively.

Earnings per share: Potentially dilutive common shares consist of the incremental common shares issuable upon the exercise of common stock options and warrants for all periods. For all periods presented, the basic and diluted shares reported are equal because the common shares equivalents are anti-dilutive. Below is a tabulation of the potentially dilutive securities that were “in the money” for the periods ended October 1, 2011 and October 2, 2010.

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## Note 2: Earnings Per Share

	Three Months Ending		Nine Months Ending	
	October 1, 2011	October 2, 2010	October 1, 2011	October 2, 2010
Basic average common shares outstanding	70,625,913	60,118,183	66,190,731	44,193,266
Warrants and options in the money, net	7,673,885	18,713,678	7,891,916	17,825,933
Weighted average common shares outstanding assuming dilution	78,299,798	78,831,861	74,082,647	62,019,199

Total warrants and options that were not “in the money” at October 1, 2011 and October 2, 2010 were 17,095,835 and 13,636,832 respectively.

## Note 3. Leasehold Improvements and Equipment

Leasehold improvements and equipment consisted of the following:

	October 1, 2011	January 1, 2011
Laboratory equipment	\$2,359,169	\$2,336,954
Leasehold improvements	403,971	372,943
Computer equipment	301,980	248,374
Furniture and fixtures	18,313	18,313
Office equipment	7,877	3,445
Construction in progress	100,057	86,294
	3,191,367	3,066,323
Less accumulated depreciation	2,008,914	1,763,215
	\$1,182,453	\$1,303,108

## Note 4. Employee Equity Incentive Plan

## Stock Option Plans

At the discretion of management, and with approval of the Board of Directors, the Company may grant options to purchase the Company’s common stock to certain individuals from time to time. Management and the Board of Directors determine the terms of awards which include the exercise price, vesting conditions and expiration dates at the time of grant. Expiration dates for stock options are not to exceed 10 years. The Company, under its Second Amended and Restated 2007 Equity Incentive Plan, is authorized to issue stock options that total no more than 20% of the shares of common stock issued and outstanding, as determined on a fully diluted basis. Beginning in 2007, stock options were no longer issuable under the Company’s 2000 Non-Qualified Incentive Stock Plan. The remaining amount available for issuance under the Second Amended and Restated 2007 Equity Incentive Plan totaled 918,927 at October 1, 2011. The stock option awards generally vest ratably over a four-year period following grant date after a passage of time. However, some stock option awards are performance based and vest based on the achievement of certain criteria established by the Company.

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The fair value of the Company's stock options was estimated at the date of grant using the Black-Scholes based option valuation model. The table below outlines the weighted average assumptions for options granted to employees during the nine months ended October 1, 2011.

Nine Months Ended October 1, 2011	2011	
Volatility	31.55	%
Expected dividends	0.00	%
Expected term	5.8	years
Risk-free rate	2.21	%

The Company calculated expected volatility from the volatility of publicly held companies in similar industries, as the historical volatility of the Company's common stock does not cover the period equal to the expected life of the options. The dividend yield assumption is based on the Company's history and expectation on future dividend payouts on the common stock. The risk-free interest rate is based on the implied yield available on U.S. treasury zero-coupon issues with an equivalent remaining term. The expected term of the options represents the estimated period of time until exercise and is based on historical experience of awards, giving consideration to the contractual terms, vesting schedules and expectations of future employee behavior. The estimation process for the fair value of performance based stock options was the same as for non-performance based options.

## 1) Non-performance Based Stock Options

The majority of options granted by the Company are comprised of non-performance based options granted to employees. These options vest ratably over a defined period following grant date after a passage of time and do not have performance vesting requirements.

The following table summarizes non-performance based stock option activity at October 1, 2011, and changes during the nine months then ended:

	Number of Shares	Exercise Price	Weighted Average Remaining Contractual Term	Aggregate Intrinsic Value
Outstanding at January 1, 2011	12,926,131	\$ 1.52		
Options Granted	1,387,177	1.57		
Options Classification from Employee to Non-Employee	(67,500 )	1.55		
Options Exercised	(43,248 )	0.61		
Options Forfeited	(352,803 )	1.48		
Outstanding at October 1, 2011	13,849,757	\$ 1.53	7.02	\$ 165,463
Exercisable at October 1, 2011	6,044,998	\$ 1.47	6.58	\$ 107,381

The aggregate intrinsic values in the table above are before income taxes, based on the Company's closing stock price of \$0.82 on the last day of business for the period ended October 1, 2011.

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## 2) Performance Based Stock Options

The Company also grants stock option awards that are performance based and vest based on the achievement of certain criteria established by the Company. If performance criteria are not met, the compensation expenses are not recognized and the expenses that have been recognized will be reversed.

The following table summarizes performance based stock options activity at October 1, 2011 and changes during the nine months then ended:

	Number of Shares	Exercise Price	Weighted Average Remaining Contractual Term	Aggregate Intrinsic Value
Outstanding at January 1, 2011	1,000,000	\$ 1.65		
Options Granted	200,000	1.59		
Options Exercised	-	-		
Options Forfeited	-	-		
Outstanding at October 1, 2011	1,200,000	\$ 1.64	9.18	\$-
Exercisable at October 1, 2011	-	\$-	-	\$-

As of October 1, 2011, there was \$2,839,908 of total unrecognized compensation expense related to nonvested share-based compensation arrangements granted under the plans for employee stock options. That cost is expected to be recognized over a weighted average period of 1.86 years as of October 1, 2011. The weighted average fair value of options granted during the nine months ended October 1, 2011 was \$0.53. The realized tax benefit from stock options for the nine months ended October 1, 2011 was \$0, based on the Company's election of the "with and without" approach. The fair value of the options that vested during the nine months ended October 1, 2011 was \$1,483,510.

## Restricted Stock

Restricted stock awards granted by the Company to employees generally have two vesting conditions, a service condition for continuous employment and a stock market condition tied to the Company's stock price.

The following table summarizes activity of restricted stock awards granted to employees at October 1, 2011 and changes during the nine months then ended:

	Shares	Weighted Average Award-Date Fair Value
Unvested shares at January 1, 2011	1,000,000	\$ 1.27
Granted	-	-
Vested	-	-
Forfeited	-	-
Unvested shares at October 1, 2011	1,000,000	\$ 1.27
Expected to Vest as of October 1, 2011	1,000,000	\$ 1.27





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As of October 1, 2011, there was \$899,501 of total unrecognized compensation expense related to restricted stock awards to employees under the plans. That cost is expected to be recognized over a period of 2.12 years as of October 1, 2011.

For the employee equity incentive plans, the Company recognized share-based compensation expense of \$2,025,564 in general and administrative expenses in the statement of operations for the nine months ended October 1, 2011. The Company recognized \$659,698 in share-based compensation expense for the comparable period in 2010.

## Note 5. Non-Employee Share-Based Compensation

## Stock Option Plans

At the discretion of management and with approval of the Board of Directors, the Company may grant options to purchase the Company's common stock to certain individuals from time to time who are not employees of the Company. These options are granted under the Second Amended and Restated 2007 Equity Incentive Plan of the Company and are granted on the same terms as those being issued to employees. Stock options granted to non-employees are accounted for using the fair value approach. The fair value of non-employee option grants are estimated using the Black-Scholes option-pricing model and are remeasured over the vesting term until earned. The estimated fair value is expensed over the applicable service period.

The following table summarizes the activity of stock options granted to non-employees at October 1, 2011, and changes during the nine months then ended:

	Number of Shares	Exercise Price	Weighted Average Remaining Contractual Term	Aggregate Intrinsic Value
Outstanding at January 1, 2011	1,097,300	\$ 1.23		
Options Granted	-	-		
Options Classification from Employee to Non-Employee	67,500	1.55		
Options Exercised	-	-		
Options Forfeited	-	-		
Outstanding at October 1, 2011	1,164,800	\$ 1.25	6.63	\$94,400
Exercisable at October 1, 2011	839,879	\$ 1.16	5.97	\$90,600

The aggregate intrinsic values in the table above are before income taxes, based on the Company's closing stock price of \$0.82 on the last day of business for the period ended October 1, 2011.

As of October 1, 2011, there was \$29,294 of total unrecognized compensation expense related to nonvested share-based compensation arrangements granted to non-employees. That cost is expected to be recognized over a weighted average period of 0.71 year as of October 1, 2011. The fair value of the options that vested during the nine months ended October 1, 2011 was \$38,843.

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## Restricted Stock

Restricted stock awards granted by the Company to non-employees generally have a time vesting condition tied to respective service agreements. In addition, there may be other vesting conditions such as achievement of certain performance goals on certain awards.

On June 23, 2011, the Company awarded 630,000 shares of restricted stock at a purchase price of \$0.14 per share to certain consultants as compensation for services to the Company. These restricted shares will fully vest on April 19, 2012, provided that no termination events defined in the related consulting agreements have occurred on or prior to such dates. On July 13, 2011 the Company awarded 40,000 shares of restricted stock at a purchase price of \$0.14 per share to a certain consultant as compensation for services to the Company. These restricted shares will fully vest on July 13, 2012, provided that no termination events defined in the related consulting agreements have occurred on or prior to such dates and certain performance conditions have been met.

The fair value of the Company's restricted stock awards was \$986,200 which represents the market value of the Company's common stock on the date of award less the purchase price.

The following table summarizes activity of restricted stock awards to non-employees at October 1, 2011 and changes during the nine months then ended:

	Shares	Weighted Average Award-Date Fair Value
Unvested shares at January 1, 2011	-	\$-
Granted	670,000	1.47
Vested	-	-
Forfeited	-	-
Unvested shares at October 1, 2011	670,000	\$1.47
Expected to Vest as of October 1, 2011	670,000	\$1.47

As of October 1, 2011, there was \$666,105 of total unrecognized compensation expense related to restricted stock awards to non-employees. That cost is expected to be recognized over a period of 0.57 year as of October 1, 2011.

For non-employee share-based compensation, the Company recognized share-based compensation expense of \$444,263 in general and administrative expenses in the statement of operations for the nine months ended October 1, 2011. The Company recognized \$46,523 in share-based compensation expense for the comparable period in 2010.

## Note 6. Warrants

At October 1, 2011, the following warrants were outstanding and exercisable:

Warrants granted in connection with :	Weighted Average Exercise Prices	Number Outstanding And Exercisable At October 1, 2011	Weighted Average Remaining Contractual Life
2008 Private Placement Equity Offering	\$ 3.00	1,718,350	1.55

2010 Private Placement				
Equity Offering	\$	0.21	8,553,564	1.64
	\$	0.68	10,271,914	1.62

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Note 7. Management's Plans for Continuing Operations

The Company has incurred a net loss of \$5,403,866 for the nine month period ended October 1, 2011 and a net loss of \$1,153,010 for the nine month period ended October 2, 2010. The loss for the nine month period ended October 1, 2011 is largely due to increased selling, general and administrative expenses related to an increase in share-based compensation expenses. Our share-based compensation expense increased to \$2,469,827 for the nine month period ended October 1, 2011 from \$706,221 for the nine month period ended October 2, 2010. This large increase in share-based compensation expense was largely due to stock options that were granted following consummation of the 2010 Private Placement and was also the result of the Company issuing restricted stock to certain employees and consultants. The Company will continue to incur significant share-based compensation expenses over the next two years. In addition, management has invested heavily in additional personnel and marketing expenses for the development and launch of new retail products containing proprietary ingredients, such as pterostilbene.

Management has also implemented additional strategic operational structure changes, which it believes will allow the Company to achieve profitability with future growth without incurring significant additional overhead costs. Management's anticipation of future growth is largely related to the new line of proprietary ingredients offered by the Company and the demand for retail products containing these ingredients. The Company has implemented a comprehensive sales and marketing plan focused on these proprietary ingredients, as well as the retail products being launched by the Company that contain these proprietary ingredients. The Company has also expanded its marketing plan to market to the pharmaceutical and cosmetic sectors to support the Company's reference standards, analytical services and discovery libraries product lines.

Management believes it will be able to support operations of the Company with its current cash, cash equivalents and cash from operations through March 2012. In addition, as of October 1, 2011, the Company has 8,553,564 warrants outstanding with an exercise price of \$0.21 per share. Assuming the full exercise of the outstanding warrants for cash, the Company would receive additional proceeds of \$1,796,248. There is no guarantee that the holders of these warrants will exercise any of the outstanding warrants for cash, and the Company will not receive any proceeds from any of the outstanding warrants until they are exercised. If the Company determines that it needs additional financing to further enable its long-term strategic objectives, there can be no assurance that it will be available on terms favorable to it or at all. If adequate financing is not available, the Company may have to delay, postpone or terminate product and service expansion and curtail selling, general and administrative operations in order to maintain sufficient operating capital after March 2012. The inability to raise additional financing may have a material adverse effect on the future performance of the Company.

Note 8. Income Taxes

At October 1, 2011 and January 1, 2011, the Company maintained a full valuation allowance against the entire net deferred income tax balance after considering relevant factors, including recent operating results, the likelihood of the utilization of net operating loss tax carry forwards, and the ability to generate future taxable income. The Company expects to maintain a full valuation allowance on its entire net deferred tax assets in 2011, resulting in an effective tax rate of zero for the three and nine months ended October 1, 2011.

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ITEM MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF  
2. OPERATIONS

GENERAL

This Quarterly Report on Form 10-Q (the "Form 10-Q") contains "forward-looking statements", as defined in Section 21E of the Securities Exchange Act of 1934, as amended. These statements reflect the Company's current expectations of the future results of its operations, performance and achievements. Forward-looking statements are covered under the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. The Company has tried, wherever possible, to identify these statements by using words such as "anticipates", "believes", "estimates", "expects", "plans", "intends" and similar expressions. These statements reflect management's current beliefs and are based on information now available to it. Accordingly, these statements are subject to certain risks, uncertainties and contingencies that could cause the Company's actual results, performance or achievements in 2011 and beyond to differ materially from those expressed in, or implied by, such statements. Such statements, include, but are not limited to, statements contained in this Form 10-Q relating to our business, financial performance, business strategy, recently announced transactions and capital outlook. Important factors that could cause actual results to differ materially from those in the forward-looking statements include: a continued decline in general economic conditions nationally and internationally; decreased demand for our products and services; market acceptance of our products; the ability to protect our intellectual property rights; the impact of any litigation or infringement actions brought against us; competition from other providers and products; risks in product development; the inability to raise capital to fund continuing operations; changes in government regulation; the ability to complete customer transactions, and other factors relating to our industry, our operations and results of operations and any businesses that may be acquired by us. Should one or more of these risks or uncertainties materialize, or should the underlying assumptions prove incorrect, actual results may differ significantly from those anticipated, believed, estimated, expected, intended or planned. Additional risks, uncertainties, and other factors are set forth under Item 1A "Risk Factors" in the Company's Annual Report on Form 10-K filed with the Commission on March 16, 2011 and in future reports the Company files with the Commission. Readers of this Form 10-Q should not place undue reliance on any forward-looking statements. Except as required by federal securities laws, the Company undertakes no obligation to update or revise these forward-looking statements to reflect new events or uncertainties.

You should read the following discussion and analysis of the financial condition and results of operations of ChromaDex together with the financial statements and the related notes presented in Item 1 of this Form 10-Q.

Overview

ChromaDex Corporation and its subsidiaries (collectively, "ChromaDex", or the "Company") supplies phytochemical reference standards and reference materials, related contract services, and proprietary ingredients and products for the dietary supplement, nutraceutical, food and beverage, functional food, pharmaceutical and cosmetic markets. ChromaDex has also developed and launched a line of new retail products containing proprietary ingredients. Our business strategy is to identify, acquire, reduce-to-practice, and commercialize innovative new natural products and "green chemistry" (environmentally safe) technologies, with an initial industry focus on the dietary supplement, cosmetic, food and beverage markets, as well as novel pharmaceuticals. We plan to utilize our experienced management team to commercialize these natural product technologies by advancing them through the proper regulatory approval processes, arranging for reliable and cost-effective manufacturing, and ultimately either selling or licensing the product lines and intellectual property to third parties.

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The discussion and analysis of our financial condition and results of operations are based on our financial statements, which have been prepared in accordance with U.S. generally accepted accounting principles. The preparation of these financial statements requires making estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements, as well as the reported revenues, if any, and expenses during the reporting periods. On an ongoing basis, we evaluate such estimates and judgments, including those described in greater detail below. We base our estimates on historical experience and on various other factors that we believe are reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

We believe that our current cash, cash equivalents and cash generated from operations, will be sufficient to meet our projected operating plans through March 2012. We may, however, seek additional capital prior to the end of March 2012 both to meet our projected operating plans after March 2012 and to fund our longer term strategic objectives. To the extent we are unable to raise additional cash or generate sufficient net income prior to March 2012 to meet our projected operating plans, we will revise our projected operating plans accordingly. Additional capital may come from public and private stock or debt offerings, borrowings under lines of credit or other sources. These additional funds may not be available on favorable terms, or at all. Furthermore, if we issue equity or debt securities to raise additional funds, our existing stockholders may experience dilution and the new equity or debt securities we issue may have rights, preferences and privileges senior to those of our existing stockholders. In addition, if we raise additional funds through collaboration, licensing or other similar arrangements, it may be necessary to relinquish valuable rights to our products or proprietary technologies, or grant licenses on terms that are not favorable to us. If we cannot raise funds on acceptable terms, we may not be able to develop or enhance our products, obtain the required regulatory clearances or approvals, achieve long term strategic objectives, take advantage of future opportunities, or respond to competitive pressures or unanticipated customer requirements. Any of these events could adversely affect our ability to achieve our development and commercialization goals, which could have a material and adverse effect on our business, results of operations and financial condition. If we are unable to establish small to medium scale production capabilities through our own plant or through a collaboration, we may be unable to fulfill our customers' requirements. This may cause a loss of future revenue streams as well as require us to look for third-party vendors to provide these services. These vendors may not be available, or may charge fees that prevent us from pricing competitively within our markets.

The Company's new product line, BluScience, has been launched at GNC corporate stores nationwide. In addition, the Company is seeking to launch BluScience at three national drug store chains, two price clubs, and an everyday low pricing retailer. The Company has received purchase orders for a first quarter, Company-wide roll out from one of these retailers.

In June 2010, the FDA began to regulate the dietary supplement market and to hold accountable all dietary supplement manufacturers under new Good Manufacturing Practices ("GMPs"). GMPs require quality testing to be done on dietary supplement products throughout the manufacturing process, rather than only on finished products. The FDA has begun enforcing the regulations by issuing warning letters to companies who are in violation of GMPs but it is unknown to what extent the FDA will enforce the regulations and how the regulations will be interpreted upon enforcement. The outcome of these uncertainties may have a material adverse effect on our results of operations because a lack of enforcement or an interpretation of the regulations that lessens the burden of compliance for the dietary supplement marketplace may cause a reduced demand for our products and services.

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### Results of Operations

We generated net sales of \$6,304,789 for the nine month period ended October 1, 2011 as compared to \$5,533,805 for the nine month period ended October 2, 2010. We incurred a net loss of \$5,403,866 for the nine month period ended October 1, 2011 and incurred a net loss of \$1,153,010 for the nine month period ended October 2, 2010. This equated to a \$0.08 loss per basic and diluted share for the nine month period ended October 1, 2011 versus a \$0.03 loss per basic and diluted share for the nine month period ended October 2, 2010. For the three month period ended October 1, 2011, we generated net sales of \$1,827,568 and a net loss of \$2,404,912 as compared to net sales of \$1,562,352 and a net loss of \$883,223 for the three month period ended October 2, 2010. This was a \$0.03 loss per basic and diluted share for the three month period ended October 1, 2011, versus a \$0.01 loss per basic and diluted share for the three month period ended October 2, 2010.

Over the next two years, we plan to continue to increase research and development efforts for our line of proprietary ingredients and to increase marketing and sales related expenses for these products. We also intend to continue to expand our service capacity through hiring and to implement accreditation and certification programs related to quality initiatives. In addition, we plan to expand our chemical library program and to either establish a GMP compliant pilot plant to support small to medium scale production of target compounds or partner through a collaboration with a company that has these capabilities.

### Net Sales

Net sales consist of gross sales less returns and discounts. Net sales increased by 17% to \$1,827,568 for the three month period ended October 1, 2011 as compared to \$1,562,352 for the three month period ended October 2, 2010. This increase was due to increased demand for our existing products and services and the increased sales of our proprietary ingredients. For the nine month period ended October 1, 2011, net sales increased by 14% to \$6,304,789 as compared to \$5,533,805 for the nine month period ended October 2, 2010. This increase was primarily due to increased sales of our proprietary ingredients and other bulk dietary supplement grade raw materials.

### Costs of Sales

Costs of sales include raw materials, labor, overhead, and delivery costs. Cost of sales for the three and nine month periods ended October 1, 2011 were \$1,361,101 and \$4,237,008 versus \$1,059,626 and \$3,437,417 for the three and nine month periods ended October 2, 2010, respectively. As a percentage of net sales, this represented a 7% increase for the three month period ended October 1, 2011 compared to the three month period ended October 2, 2010 and a 5% increase for the nine month period ended October 1, 2011 compared to the nine month period ended October 2, 2010. This percentage increase in cost of sales is largely due to an increase in certain contract services sales which require outsourcing to third party vendors. ChromaDex outsources certain contract services that it has chosen to not perform internally. For the three and nine month periods ended October 1, 2011, there were more contract services sales that the Company outsourced to third parties as compared to previous periods. This caused the Company to experience lower overall gross margins on contract services sales for these respective periods. In addition, sales of proprietary ingredients and other bulk dietary supplement grade raw materials increased for the three and nine month periods ended October 1, 2011. These proprietary ingredients and bulk dietary supplement grade raw materials have significantly higher raw material costs than other products. The Company expects to see a significant increase in the sales of these proprietary ingredients and bulk dietary supplement grade raw materials over the next twelve months. Increases in sales of these types of products will likely cause the Company to experience lower gross margins as a percentage of sales during this time period.





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### Gross Profit

Gross profit is net sales less the cost of sales and is affected by a number of factors including product mix, competitive pricing and costs of products and services. Our gross profit decreased 7% to \$466,467 for the three month period ended October 1, 2011 from \$502,726 for the three month period ended October 2, 2010, and slightly decreased to \$2,067,781 for the nine month period ended October 1, 2011 from \$2,096,388 for the nine month period ended October 2, 2010. For the three and nine month periods ended October 1, 2011, increase in direct costs of sales as a percentage of net sales was the primary cause for the decrease in gross profit.

### Operating Expenses-Sales and Marketing

Sales and Marketing Expenses consist of salaries, commissions to employees and advertising and marketing expenses. Sales and marketing expenses for the three and nine month periods ended October 1, 2011 were \$650,516 and \$1,661,998 as compared to \$235,582 and \$688,552 for the three and nine month periods ended October 2, 2010. This increase was largely due to our increased sales and marketing efforts for our line of proprietary ingredients, including the launch of new retail products containing these proprietary ingredients.

### Operating Expenses-General and Administrative

General and Administrative Expenses consist of research and development, general company administration, IT, accounting and executive management. General and administrative expenses for the three and nine month periods ended October 1, 2011 were \$2,213,636 and \$5,786,204 as compared to \$1,140,815 and \$2,535,386 for the three and nine month periods ended October 2, 2010. One of the factors that contributed to this increase was an increase in share-based compensation expenses. Our share-based compensation expense increased to \$964,104 for the three month period ended October 1, 2011 from \$423,764 for the three month period ended October 2, 2010 and increased to \$2,469,827 for the nine month period ended October 1, 2011 from \$706,221 for the nine month period ended October 2, 2010. This large increase in share-based compensation expense was largely due to the Company issuing restricted stock to certain employees and consultants and was also the result of the stock options that were granted following consummation of the 2010 Private Placement. The Company will continue to incur significant share-based compensation expenses over the next two years, as the expenses for the restricted stock and the post-closing grants are recognized on a straight-line method over the expected vesting periods. Another factor that contributed to the increase in general and administrative expenses was the increase in investor relations expense for the purpose of increasing market and shareholder awareness. In addition, the Company incurred certain legal, research, and development expenses related to our line of proprietary ingredients.

### Non-operating income- Interest Income

Interest income consists of interest earned on money market accounts. Interest income for the three and nine month periods ended October 1, 2011 were \$295 and \$1,159 as compared to \$578 and \$1,095 for the three and nine month periods ended October 2, 2010.

### Non-operating Expenses- Interest Expense

Interest expense consists of interest on capital leases. Interest expense for the three and nine month periods ended October 1, 2011 were \$7,522 and \$24,604 as compared to \$10,130 and \$26,555 for the three and nine month periods ended October 2, 2010.



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### Depreciation and Amortization

Depreciation expense for the nine month period ended October 1, 2011 was approximately \$247,024 as compared to \$232,786 for the nine month period ended October 2, 2010. We depreciate our assets on a straight-line basis, based on the estimated useful lives of the respective assets. Amortization expense of intangible assets for the nine month period ended October 1, 2011 was approximately \$55,843 as compared to \$55,053 for the nine month period ended October 2, 2010. We amortize intangible assets using a straight-line method over 10 years.

### Liquidity and Capital Resources

From inception and through October 1, 2011, we have incurred aggregate losses of approximately \$15.6 million. These losses are primarily due to overhead costs and general and administrative expenses associated with the development and expansion of our operations. These operations have been financed through capital contributions and the issuance of common stock and warrants through private placement transactions.

The Board of Directors periodically reviews our capital requirements in light of our proposed business plan. Our future capital requirements will remain dependent upon a variety of factors, including cash flow from operations, the ability to increase sales, increasing our gross profits from current levels, reducing sales and administration expenses as a percentage of net sales, continued development of customer relationships, and our ability to market our new products successfully. However, based on our results from operations, we may determine that we need additional financing to implement our business plan, and there can be no assurance that it will be available on terms favorable to us or at all. If adequate financing is not available, we may have to delay, postpone or terminate product and service expansion and curtail general and administrative operations in order to maintain sufficient operating capital. The inability to raise additional financing may have a material adverse effect on us. While we believe that our current levels of capital will be sufficient to meet our projected operating plans through March 2012, we may seek additional capital prior to March 2012 both to meet our projected operating plans after March 2012 and to fund our longer term strategic objectives. To the extent we are unable to raise additional cash or generate net income to meet our projected operating plans prior to March 2012, we will revise our projected operating plans accordingly.

As of October 1, 2011, the Company had 8,553,564 warrants outstanding with an exercise price of \$0.21 per share. Assuming the full exercise of the outstanding warrants for cash, we would receive additional proceeds of \$1,796,248. There is no guarantee that the holders of these warrants will exercise any of the outstanding warrants for cash, and we will not receive any proceeds from any of the outstanding warrants until they are exercised for cash.

### Net cash used in operating activities

Net cash used in operating activities for the nine months ended October 1, 2011 was \$2,497,791 as compared to \$1,814,741 for the nine months ended October 2, 2010. An increase in inventories and prepaid expenses for our new ingredients and retail product lines were the largest uses of cash during the nine month period ended October 1, 2011, while the payment of unpaid compensation from prior years to two officers was the largest use of cash during the nine month period ended October 2, 2010.

We expect our operating cash flows to fluctuate significantly in future periods as a result of fluctuations in our operating results, shipment timetables, accounts receivable collections, inventory management, and the timing of our payments, among other factors.

### Net cash used in investing activities

Net cash used in investing activities was \$152,369 for the nine months ended October 1, 2011, compared to \$154,759 for the nine months ended October 2, 2010. The decrease in cash used in investing activities mainly reflects the timing of purchases of leasehold improvements and equipment as well as purchases of intangible assets.

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Net cash provided by financing activities

Net cash provided by financing activities was \$2,493,009 for the nine months ended October 1, 2011, compared to \$4,483,754 for the nine months ended October 2, 2010. Net cash provided by financing activities for the nine months ended October 1, 2011 mainly consisted of proceeds from the exercise of warrants related to the 2010 Private Placement. Net cash provided by financing activities for the nine months ended October 2, 2010 mainly consisted of proceeds from both the issuance of common stock and the exercise of warrants related to the 2010 Private Placement.

Dividend policy

We have not declared or paid any dividends on our common stock. We presently intend to retain earnings for use in our operations and to finance our business. Any change in our dividend policy is within the discretion of our Board of Directors and will depend, among other things, on our earnings, debt service and capital requirements, restrictions in financing agreements, if any, business conditions, legal restrictions and other factors that our Board of Directors deems relevant.

Off-Balance Sheet Arrangements

During the nine months ended October 1, 2011, we had no off-balance sheet arrangements other than ordinary operating leases as disclosed in the “Financial Statements and Supplementary Data” section of the Company’s Annual Report on Form 10-K filed with the Commission on March 16, 2011.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Not applicable.

ITEM 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

The Company’s Chief Executive Officer and Chief Financial Officer carried out an evaluation of the effectiveness of the Company’s disclosure controls and procedures (as defined in Rule 13a-15(e) promulgated by the Securities and Exchange Commission pursuant to the Securities Exchange Act of 1934). Based on the Company’s evaluation, the Company’s Chief Executive Officer and Chief Financial Officer concluded that the Company’s disclosure controls and procedures were effective as of October 1, 2011.

Changes in Internal Controls

There was no change in internal controls over financial reporting (as defined in Rule 13a-15(f) promulgated under the Securities Exchange Act of 1934) that occurred during the Company’s third fiscal quarter that has materially affected or is reasonably likely to materially affect the Company’s internal control over financial reporting.

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## PART II - OTHER INFORMATION

## ITEM 1. LEGAL PROCEEDINGS

None.

## ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

On July 13, 2011, the Company awarded 40,000 shares of restricted stock at a purchase price of \$0.14 per share to a certain consultant as compensation for services to the Company. These restricted shares will fully vest on July 13, 2012, provided that no termination event as defined in the related consulting agreement has occurred on or prior to such date and certain performance conditions have been met. These shares of restricted stock were issued to accredited investors only and sold by the Company in reliance upon the exemption from securities registration afforded by Section 4(2) of the Securities Act.

## ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None.

## ITEM 4. [REMOVED AND RESERVED]

## ITEM 5. OTHER INFORMATION

None.

## ITEM 6. EXHIBITS

Exhibit No.	Description of Exhibits
10.1	Patent License Agreement, dated July 12, 2011 between Cornell University and the Company.*
10.2	Patent License Agreement, dated September 8, 2011 between The Regents of the University of California and the Company.*
31.1	Certification of the Chief Executive Officer pursuant to §240.13a-14 or §240.15d-14 of the Securities Exchange Act of 1934, as amended
31.2	Certification of the Chief Financial Officer pursuant to §240.13a-14 or §240.15d-14 of the Securities Exchange Act of 1934, as amended
32.1	Certification pursuant to 18 U.S.C. Section 1350 (as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002)
101	The following financial information from the Company's Quarterly Report on Form 10-Q for the quarter ended October 1, 2011, filed with the Securities and Exchange Commission on November 10, 2011, formatted in Extensible Business Reporting Language (XBRL): (i) the Condensed Consolidated Balance Sheets, (ii) the Condensed Consolidated Statements of Operations, (iii) the Condensed Consolidated Statements of Cash Flows, (iv) the Condensed Consolidated Statements of Stockholders' Equity, (v) the Notes to Condensed Consolidated Financial Statements.

\*This Exhibit has been separately filed with the Commission pursuant to an application for confidential treatment. The confidential portions of this Exhibit have been omitted and are marked by an asterisk.





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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

ChromaDex Corporation  
(Registrant)

Date: November 10, 2011

By: /s/ THOMAS C. VARVARO  
Thomas C. Varvaro  
Duly Authorized Officer and Chief  
Financial Officer