ChromaDex Corp.
Form 10-Q
November 08, 2012

# 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 September 29, 2012
Commission File Number: 000-53290
CHROMADEX CORPORATION
(Exact Name of Registrant as Specified in its Charter)

Delaware
(State or other jurisdiction of incorporation or organization)

26-2940963
(I.R.S. Employer

Identification No.)

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

92618
(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 [ ]

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 [ ]

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 | $[~]$ | Accelerated filer | $[X]$ |
| :--- | :--- | :--- | :--- |
| Non-accelerated filer | $[~]$ | 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 [ ] No [X]

Number of shares of common stock of the registrant: 92,640,062 outstanding as of November 7, 2012.

> CHROMADEX CORPORATION 2012 QUARTERLY REPORT ON FORM 10-Q

TABLE OF CONTENTS

## PART I - FINANCIAL INFORMATION (UNAUDITED)

ITEM 1. FINANCIAL STATEMENTS: ..... 1
CONDENSED CONSOLIDATED BALANCE SHEETS AS OF SEPTEMBER 29. 2012 AND DECEMBER 31. 2011 ..... 1
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS FOR THE THREE MONTHS ENDED ..... 2
SEPTEMBER 29, 2012 AND OCTOBER 1, 2011 (UNAUDITED)
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS FOR THE NINE MONTHS ENDED ..... 3
SEPTEMBER 29, 2012 AND OCTOBER 1, 2011 (UNAUDITED) CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS EOUITY FOR THE NINE MONTHS 4 ENDED SEPTEMBER 29, 2012 (UNAUDITED) CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE NINE MONTHS ENDED SEPTEMBER 5 29.2012 AND OCTOBER 1. 2011 (UNAUDITED)
ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL ..... 17
CONDITION AND RESULTS OF OPERATIONS
ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET ..... 22
RISK
ITEM 4. CONTROLS AND PROCEDURES ..... 23
PART II - OTHER INFORMATION
ITEM 1. LEGAL PROCEEDINGS ..... 24
ITEM 2. UNREGISTERED SALES OF EOUITY SECURITIES AND USE OF ..... 24
PROCEEDS
ITEM 3. DEFAULTS UPON SENIOR SECURITIES ..... 24
ITEM 4. MINE SAFETY DISCLOSURES ..... 24
ITEM 5. OTHER INFORMATION ..... 24
ITEM 6. EXHIBITS ..... 24

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## Table of Contents

## PART I - FINANCIAL INFORMATION (UNAUDITED)

## ITEM 1. FINANCIAL STATEMENTS

ChromaDex Corporation and Subsidiaries
Condensed Consolidated Balance Sheets (Unaudited)
September 29, 2012 and December 31, 2011
September 29, 2012 December 31, 2011
Assets

| Current Assets |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Cash | \$ | 1,237,071 | \$ | 420,152 |
| Trade receivables, less allowance for doubtful accounts and returns |  |  |  |  |
| September 29, 2012 \$920,000; December 31, 2011 \$9,000 |  | 1,203,429 |  | 723,666 |
| Inventories |  | 5,436,439 |  | 2,905,600 |
| Prepaid expenses and other assets |  | 392,954 |  | 903,934 |
| Total current assets |  | 8,269,893 |  | 4,953,352 |
| Leasehold Improvements and Equipment, net |  | 987,732 |  | 1,172,288 |
| Deposits and Other Noncurrent Assets |  |  |  |  |
| Deposits |  | 32,167 |  | 44,159 |
| Intangible assets, net |  | 140,829 |  | 100,106 |
| Total deposits and other noncurrent assets |  | 172,996 |  | 144,265 |
| Total assets | \$ | 9,430,621 | \$ | 6,269,905 |
| Liabilities and Stockholders' Equity |  |  |  |  |
| Current Liabilities |  |  |  |  |
| Accounts payable | \$ | 2,838,988 | \$ | 2,250,241 |
| Accrued expenses |  | 664,771 |  | 755,967 |
| Current maturities of capital lease obligations |  | 72,604 |  | 77,356 |
| Customer deposits and other |  | 257,004 |  | 199,693 |
| Deferred rent, current |  | 67,206 |  | 59,743 |
| Total current liabilities |  | 3,900,573 |  | 3,343,000 |
| Capital lease obligations, less current maturities |  | 152,424 |  | 164,729 |
| Deferred rent, less current |  | 148,544 |  | 200,890 |
| Stockholders' Equity |  |  |  |  |
| Common stock, \$. 001 par value; authorized 150,000,000 shares; issued and outstanding September 29, 2012 91,650,062 shares; December 31, |  |  |  |  |
| Additional paid-in capital |  | 33,155,460 |  | 20,542,532 |
| Accumulated deficit |  | (28,018,030 |  | (18,054,186 ) |
| Total stockholders' equity |  | 5,229,080 |  | 2,561,286 |

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Total liabilities and stockholders' equity
\$ 9,430,621
\$
6,269,905
See Notes to Condensed Consolidated Financial Statements.
-1-

## Table of Contents

ChromaDex Corporation and Subsidiaries
Condensed Consolidated Statements of Operations (Unaudited)
For the Three Month Periods Ended September 29, 2012 and October 1, 2011


See Notes to Condensed Consolidated Financial Statements.
-2-

## Table of Contents

ChromaDex Corporation and Subsidiaries
Condensed Consolidated Statements of Operations (Unaudited)
For the Nine Month Periods Ended September 29, 2012 and October 1, 2011

|  | September 29,$2012$ |  |  | $\begin{gathered} \text { October } 1, \\ 2011 \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sales | \$ | 8,087,860 |  | \$ | 6,304,789 |  |
| Cost of sales |  | 6,673,127 |  |  | 4,237,008 |  |
| Gross profit |  | 1,414,733 |  |  | 2,067,781 |  |
| Operating expenses: |  |  |  |  |  |  |
| Sales and marketing |  | 4,529,251 |  |  | 1,661,998 |  |
| General and administrative |  | 6,829,359 |  |  | 5,786,204 |  |
| Operating expenses |  | 11,358,610 |  |  | 7,448,202 |  |
| Operating loss |  | (9,943,877 | ) |  | (5,380,421 | ) |
| Nonoperating income (expense): |  |  |  |  |  |  |
| Interest income |  | 2,725 |  |  | 1,159 |  |
| Interest expense |  | (22,692 | ) |  | (24,604 | ) |
| Nonoperating expenses |  | (19,967 | ) |  | (23,445 | ) |
| Net loss | \$ | (9,963,844 |  | \$ | (5,403,866 | ) |
| Basic and Diluted loss per common share | \$ | (0.11 |  | \$ | (0.08 | ) |
| Basic and Diluted weighted average common shares outstanding |  | 89,477,758 |  |  | 66,190,731 |  |

See Notes to Condensed Consolidated Financial Statements.
-3-

## Table of Contents

ChromaDex Corporation and Subsidiaries
Condensed Consolidated Statement of Stockholders' Equity (Unaudited)
Nine Months Ended September 29, 2012

|  | Common Stock |  | Additional Paid-in Capital | Accumulated Deficit | Total Stockholders' Equity |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Shares | Amount |  |  |  |
| Balance, December 31, 2011 | 72,939,996 | \$72,940 | \$20,542,532 | \$(18,054,186) | \$ 2,561,286 |
| Share-based compensation | 364,557 | 365 | 65,622 | - | 65,987 |
| Issuance of common stock, net of offering costs of $\$ 1,104,759$ | 14,899,995 | 14,900 | 10,055,338 | - | 10,070,238 |
| Net loss | - | - | - | $(4,431,853)$ | $(4,431,853)$ |
| Balance, March 31, 2012 | 88,204,548 | 88,205 | 30,663,492 | $(22,486,039)$ | 8,265,658 |
| Share-based compensation | 1,265,000 | 1,265 | 1,197,272 | - | 1,198,537 |
| Issuance of common stock for vested restricted stock | 630,000 | 630 | 87,570 | - | 88,200 |
| Exercise of warrants | 214,286 | 214 | 44,786 | - | 45,000 |
| Net loss | - | - | - | (3,993,957 ) | (3,993,957 ) |
| Balance, June 30, 2012 | 90,313,834 | 90,314 | 31,993,120 | $(26,479,996)$ | 5,603,438 |
| Share-based compensation | 780,294 | 780 | 1,045,937 |  | 1,046,717 |
| Issuance of common stock for vested restricted stock | 10,000 | 10 | 1,390 | - | 1,400 |
| Exercise of stock options | 6,117 | 6 | 3,053 | - | 3,059 |
| Exercise of warrants | 539,817 | 540 | 111,960 | - | 112,500 |
| Net loss | - | - | - | (1,538,034 ) | (1,538,034 ) |
| Balance, September 29, 2012 | 91,650,062 | \$91,650 | \$33,155,460 | \$(28,018,030) | \$ 5,229,080 |

See Notes to Condensed Consolidated Financial Statements.
-4-

## Table of Contents

ChromaDex Corporation and Subsidiaries
Condensed Consolidated Statements of Cash Flows (Unaudited)
For the Nine Month Periods Ended September 29, 2012 and October 1, 2011

|  | $\begin{gathered} \text { September 29, } \\ 2012 \end{gathered}$ |  |  | $\begin{gathered} \text { October } 1, \\ 2011 \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash Flows From Operating Activities |  |  |  |  |  |  |
| Net loss | \$ | (9,963,844 | ) | \$ | (5,403,866 | ) |
| Adjustments to reconcile net loss to net cash (used in) operating activities: |  |  |  |  |  |  |
| Depreciation |  | 247,227 |  |  | 247,024 |  |
| Amortization of intangibles |  | 11,277 |  |  | 55,843 |  |
| Share-based compensation expense |  | 2,189,917 |  |  | 2,469,827 |  |
| Loss from disposal of equipment |  | 1,879 |  |  | - |  |
| Changes in operating assets and liabilities: |  |  |  |  |  |  |
| Trade receivables |  | (479,763 | ) |  | 352,731 |  |
| Inventories |  | (2,530,839 | ) |  | (1,077,763 |  |
| Prepaid expenses and other assets |  | 644,296 |  |  | (381,502 |  |
| Accounts payable |  | 588,747 |  |  | 791,949 |  |
| Accrued expenses |  | (91,196 | ) |  | 341,453 |  |
| Customer deposits and other |  | 57,311 |  |  | 127,327 |  |
| Deferred rent |  | (44,883 | ) |  | (20,814 |  |
| Net cash (used in) operating activities |  | (9,369,871 | ) |  | (2,497,791 |  |
| Cash Flows From Investing Activities |  |  |  |  |  |  |
| Purchases of leasehold improvements and equipment |  | (13,764 | ) |  | (126,369 |  |
| Purchase of intangible assets |  | (52,000 | ) |  | (26,000 |  |
| Net cash (used in) investing activities |  | (65,764 | ) |  | (152,369 |  |
| Cash Flows From Financing Activities |  |  |  |  |  |  |
| Proceeds from issuance of common stock |  | 10,159,838 |  |  | - |  |
| Proceeds from exercise of stock options |  | 3,059 |  |  | 26,398 |  |
| Proceeds from exercise of warrants |  | 157,500 |  |  | 2,524,499 |  |
| Principal payments on capital leases |  | (67,843 | ) |  | (57,888 | ) |
| Net cash provided by financing activities |  | 10,252,554 |  |  | 2,493,009 |  |
| Net increase (decrease) in cash |  | 816,919 |  |  | (157,151 | ) |
| Cash Beginning of Period |  | 420,152 |  |  | 2,226,459 |  |
| Cash Ending of Period | \$ | 1,237,071 |  | \$ | 2,069,308 |  |
| Supplemental Disclosures of Cash Flow Information |  |  |  |  |  |  |
| Cash payments for interest | \$ | 22,692 |  | \$ | 24,604 |  |
| Supplemental Schedule of Noncash Investing Activity |  |  |  |  |  |  |
| Capital lease obligation incurred for the purchase of equipment | \$ | 50,786 |  | \$ | - |  |

See Notes to Condensed Consolidated Financial Statements.

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-5-

## Table of Contents

Note 1. Interim Financial Statements
The accompanying financial statements of ChromaDex Corporation (the "Company") and its wholly owned subsidiaries, ChromaDex, Inc. and ChromaDex Analytics, Inc. 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 September 29, 2012 and results of operations and cash flows for the three- and nine months ended September 29, 2012 and October 1, 2011. 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 December 31, 2011 appearing in the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission (the "Commission") on March 15, 2012. Operating results for the nine months ended September 29, 2012 are not necessarily indicative of the results to be achieved for the full year ending on December 29, 2012. 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 December 31, 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.

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.

Trade accounts receivable: Trade accounts receivable are carried at original invoice amount less an estimate made for doubtful receivables based on a period review of all outstanding amounts. Management determines the allowance for doubtful accounts by identifying troubled accounts and by using historical experience applied to an aging of accounts. The allowances for doubtful accounts for the periods ended September 29, 2012 and December 31, 2011 were $\$ 920,000$ and $\$ 9,000$, respectively. Of the allowance amount of $\$ 920,000$ for the period ended September 29, 2012, $\$ 900,000$ represents a hold on the receivables placed by a retailer that carries our BluScience retail consumer line. The hold is placed by the retailer as an offset in the event of future returns of our products. Trade accounts receivable are written off when deemed uncollectible. Recoveries of trade accounts receivable previously written off are recorded when received.

Inventories: Inventories are comprised of raw materials, work-in-process and finished goods. They are stated at the lower of cost, determined by the first-in, first-out method (FIFO) method, or market. The inventory on the balance sheet is recorded net of valuation allowances of $\$ 238,000$ and $\$ 227,000$ for the periods ended September 29, 2012 and

December 31, 2011, respectively. Labor and overhead has been added to inventory that was manufactured or characterized by the Company. The amounts of major classes of inventory as of September 29, 2012 and December 31, 2011 are as follows:

|  | September 29, | December 31, |  |
| :--- | :---: | :---: | :---: |
|  | 2012 | 2011 |  |
| Reference standards | $\$$ | $1,557,187$ | $\$$ |
| Bulk ingredients | $470,459,330$ |  |  |
| Dietary supplements - raw materials | 595,123 | 174,847 |  |
| Dietary supplements - work in process | 38,295 | 709,476 |  |
| Dietary supplements - finished goods | $3,012,964$ | 38,293 |  |
|  | $5,674,439$ | 750,654 |  |
| Less valuation allowance | $\$$ | 238,000 | $3,132,600$ |
|  | $\$, 436,439$ | $\$$ | $2,905,600$ |

-6-

## Table of Contents

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 share equivalents are anti-dilutive. Below is a tabulation of the potentially dilutive securities that were "in the money" for the three- and nine-month periods ended September 29, 2012 and October 1, 2011.

|  | Three Months Ended |  | Nine Months Ended |  |
| :--- | :---: | :---: | :---: | :---: |
|  | September 29, |  |  |  |
| 2012 | October 1, | September 29, | October 1, |  |
|  |  |  | 2012 | 2011 |
| Basic weighted average common <br> shares outstanding | $92,364,418$ | $70,625,913$ | $89,477,758$ | $66,190,731$ |
| Warrants and options in the <br> money, net | $5,994,067$ | $7,673,885$ | $5,908,491$ | $7,891,916$ |
| Weighted average common shares <br> outstanding assuming dilution | $98,358,485$ | $78,299,798$ | $95,386,249$ | $74,082,647$ |

Total warrants and options that were not "in the money" at September 29, 2012 and October 1, 2011 were 15,214,767 and $17,095,835$, respectively.

Note 3. Leasehold Improvements and Equipment
Leasehold improvements and equipment consisted of the following:
September 29, 2012 December 31, 2011

| Laboratory equipment | $\$$ | $2,417,014$ |
| :--- | :--- | :---: |
| Leasehold improvements | 403,971 | $\$$ |
| Computer equipment | 358,439 | 403,971 |
| Furniture and fixtures | 18,313 | 302,518 |
| Office equipment | 7,877 | 18,313 |
| Construction in progress | 106,080 | 7,877 |
|  | $3,311,694$ | 149,086 |
| Less accumulated depreciation | $2,323,962$ | $3,259,887$ |
|  | $\$$ | 987,732 |

Note 4. Employee Share-Based Compensation

## Stock Option Plans

At the discretion of the Company's compensation committee (the "Compensation Committee"), and with the approval of the Company's board of directors (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 Compensation Committee 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 from their date of issuance. 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 $4,304,904$ at September 29, 2012. The stock option awards generally vest ratably over a four-year period following

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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 Compensation Committee, subject to approval by the Board of Directors.
-7-

## Table of Contents

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 September 29, 2012.

| Nine Months Ended September 29, 2012 | 2012 |  |
| :--- | :--- | :--- |
| Volatility | 33.14 | $\%$ |
| Expected dividends | 0.00 | $\%$ |
| Expected term | 1.02 | 5.8 years |
| Risk-free rate | $\%$ |  |

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 of 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 service period based options.

## 1) Service Period Based Stock Options

The majority of options granted by the Company consist of service period based options granted to employees. These options vest ratably over a defined period following grant date after the passage of a service period.

The following table summarizes service period based stock option activity at September 29, 2012, and changes during the nine months then ended:

|  | Weighted Average |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Remaining |  |  |  |  | \(\left.\begin{array}{c}Aggregate <br>

Intrinsic\end{array}\right]\)

The aggregate intrinsic values in the table above are before income taxes, based on the Company's closing stock price of $\$ 0.78$ on the last day of business for the period ended September 29, 2012.

## 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 from time to time by the Compensation Committee. If these performance criteria are not met, the compensation expenses are not recognized and the expenses that have been recognized will be reversed.

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-8-

## Table of Contents

The following table summarizes performance based stock options activity at September 29, 2012 and changes during the nine months then ended:

|  |  | Weighted Average |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Remaining |  |  |  |  |  | \(\left.\begin{array}{c}Aggregate <br>

Intrinsic\end{array}\right]\)

On February 13, 2012, William Spengler, our former President, ceased serving in all positions held with the Company. 1,000,000 performance based stock options held by Mr. Spengler were forfeited. Expense recognized related to these forfeited options was reversed during the nine months ended September 29, 2012, as the performance criteria established by the Company were not met. The reversed expense amount the Company had recognized through December 31, 2011 was $\$ 528,300$.

As of September 29, 2012, there was $\$ 1,184,317$ of total unrecognized compensation expense related to non-vested 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 1.65 years as of September 29, 2012. The weighted average fair value of options granted during the nine months ended September 29, 2012 and October 1, 2011 was $\$ 0.27$ and $\$ 0.53$, respectively. The realized tax benefit from stock options for the nine months ended September 29, 2012 and October 1,2011 was $\$ 0$, based on the Company's election of the "with and without" approach.

Restricted Stock
Restricted stock awards granted by the Company to employees have vesting conditions that are unique to each of the award.

The following table summarizes activity of restricted stock awards granted to employees at September 29, 2012 and changes during the nine months then ended:

|  | Shares | Weighted Average Award-Date Fair Value |  |
| :---: | :---: | :---: | :---: |
| Unvested shares at December 31, 2011 | 1,000,000 | \$ | 1.27 |
| Granted | 2,250,000 |  | 0.75 |
| Vested | - |  | - |
| Forfeited | (2,750,000 |  | 0.95 |
| Unvested shares at September 29, 2012 | 500,000 | \$ | 0.69 |
| Expected to Vest as of September 29, 2012 | 500,000 | \$ | 0.69 |

## Table of Contents

Certain restricted stock awards had market conditions. The fair values of these restricted stock awards were estimated at the dates of award using the Hull-White based binomial valuation model. The table below outlines the weighted average assumptions of these market conditioned restricted stock awarded to employees during the nine months ended September 29, 2012.

| Nine Month Ended September 29, 2012 | 2012 |  |
| :--- | :--- | :--- |
| Expected Term | 3.00 | $\%$ |
| Expected Volatility | 69.98 | $\%$ |
| Expected Dividends | 0.00 | $\%$ |
| Risk Free Rate of Return | 0.39 | $\%$ |

The Company calculated expected volatility from the volatility of publicly held companies in similar industries as well as the historical volatility of the Company's common stock. Less weight was assigned to the volatility of the Company's common stock as the historical volatility of Company's common stock covers only about four years in a thinly traded market. 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 Company used the expected vesting period of the restricted stock for estimating the expected term of the restricted stock.

Certain restricted stock awards had both market and service conditions and the awards become vested on the satisfaction of either condition. The fair values of these restricted stock awards were estimated at the date of award using the Company's stock price as the service condition prevailed over the market condition.

On February 13, 2012, William Spengler, our former President, ceased serving in all positions he held with the Company. $1,000,000$ restricted shares of our common stock held by Mr. Spengler were forfeited. Expense recognized related to these forfeited restricted stock award was reversed during the nine months ended September 29, 2012, as the vesting conditions established by the Company, including continuous employment through November 15, 2013, were not met. The reversed expense amount the Company had recognized through December 31, 2011 was \$476,411.

On February 7, 2012, the Company awarded $1,000,000$ shares of restricted stock to our former Chief Executive Officer and President, Jeffrey Himmel and on February 21, 2012, the Company awarded 750,000 shares of restricted stock to our former Chief Operating Officer, Debra Heim. On June 11, 2012, both Mr. Himmel and Ms. Heim ceased serving in all positions held with the Company and restricted shares held by Mr. Himmel and Ms. Heim were forfeited. Expense recognized related to these forfeited restricted stock awards was reversed.

On June 6, 2012, the Company awarded 250,000 shares of restricted stock to each of our Chief Executive Officer, Frank Jaksch and our Chief Financial Officer, Thomas Varvaro. These shares shall vest upon the earlier to occur of the following: (i) the market price of the Company's stock exceeds a certain price, or (ii) one of other certain triggering events, including the termination of Mr. Jaksch or Mr. Varvaro for any reason. These restricted shares, however, shall under no circumstances vest on or before December 6, 2012.

As of September 29, 2012, there was $\$ 128,197$ of total unrecognized compensation expense related to restricted stock awards to employees under the plans. This cost is expected to be recognized over a period of 2.3 months as of September 29, 2012.

Stock Awards

From time to time, the Company awards shares of its common stock to executives and members of the Board of Directors as part of its overall compensation program. On February 7, 2012, the Company awarded 100,000 shares of common stock to Jeffrey Himmel, our former Chief Executive Officer and President, pursuant to an employment agreement with Mr. Himmel. The fair value of these awarded shares was estimated at the date of award using the Company's stock price. Since these shares are immediately vested, the award is deemed to be fully earned upon issuance and the full fair value, $\$ 94,000$, was expensed on the date of award. On February 21, 2012, the Company awarded 75,000 shares of common stock to Debra Heim, our former Chief Operating Officer, pursuant to an employment agreement with Ms. Heim. The fair value of these awarded shares was estimated at the date of award using the Company's stock price. Since these shares are immediately vested, the award is deemed to be fully earned upon issuance and the full fair value, $\$ 60,000$, was expensed on the date of award. On June 6, 2012, the Company awarded 500,000 shares of common stock to each of Michael Brauser and Barry Honig, who are Co-Chairmen of the Board of Directors. The fair value of these awarded shares was estimated at the date of award using the Company's stock price. Since these shares are immediately vested, the awards are deemed to be fully earned upon issuance and the full fair value, $\$ 690,000$, or $\$ 345,000$ each, was expensed on the date of award.
-10-

## Table of Contents

For employee share-based compensation, the Company recognized share-based compensation expense of $\$ 1,099,228$ in general and administrative expenses in the statement of operations for the nine months ended September 29, 2012. The Company recognized $\$ 2,025,564$ in share-based compensation expense for the comparable period in 2011.

Note 5. Non-Employee Share-Based Compensation

## Stock Option Plans

At the discretion of management, working with the Compensation Committee, 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 re-measured 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 September 29, 2012, and changes during the nine months then ended:

|  |  | Weighted Average |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Remaining |  |  | | Aggregate |
| :---: |
| Intrinsic |

The aggregate intrinsic values in the table above are before income taxes, based on the Company's closing stock price of $\$ 0.78$ on the last day of business for the period ended September 29, 2012.

As of September 29, 2012, there was $\$ 1,559$ of total unrecognized compensation expense related to unvested share-based compensation arrangements granted to non-employees. That cost is expected to be recognized over a weighted average period of 3.2 months as of September 29, 2012.

## Restricted Stock

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

The restricted stock awards to non-employees are accounted for using the fair value approach. The fair value of vested non-employee restricted stock awards during the nine months ended September 29, 2012 was $\$ 308,400$, which represents the market value of the Company's common stock on the vesting date less the purchase price. The fair value of unvested non-employee restricted stock awards at September 29, 2012 was $\$ 320,000$, which represents the
market value of the Company's common stock on September 29, 2012 less the purchase price. The fair value is re-measured over the vesting term until earned and the fair value is expensed over the applicable service period.
-11-

## Table of Contents

The following table summarizes activity of restricted stock awards to non-employees at September 29, 2012 and changes during the nine months then ended:

|  | Shares | Weighted Average Fair Value |  |
| :---: | :---: | :---: | :---: |
| Unvested shares at December 31, 2011 | 1,170,000 | \$ | 0.41 |
| Granted | - |  | - |
| Vested | (640,000 |  | 0.48 |
| Forfeited | (30,000 |  | 0.74 |
| Unvested shares at September 29, 2012 | 500,000 | \$ | 0.64 |
| Expected to Vest as of September 29, 2012 | 500,000 | \$ | 0.64 |

As of September 29, 2012, there was $\$ 63,971$ of total unrecognized compensation expense related to restricted stock awards to non-employees. That cost is expected to be recognized over a period of 2.3 months as of September 29, 2012.

## Stock Awards

From time to time, the Company awards shares of its common stock to non-employees for services provided. If the fair value of services received is more reliably measurable than the fair value of the stock awarded, the fair value of the services received is used to measure the award. In contrast, if the fair value of the stock issued is more reliably measurable, than the fair value of services received, the award is measured based on the fair value of the stock awarded. Since these stock awards are fully vested and non-forfeitable, a measurement date for the award is usually reached on the date of the award.

During the nine months ended September 29, 2012, the Company awarded an aggregate of $1,234,851$ shares of the Company's common stock to non-employees. The expense the Company recognized for these awards was $\$ 680,897$ for the nine months ended September 29, 2012.

## Warrant Awards

During the nine months ended September 29, 2012, the Company also awarded warrants to purchase 250,000 shares of the Company's common stock to a certain non-employee. The exercise price of these warrants was $\$ 0.75$ per share and the term for these warrants was 2 years.

The fair value of these warrants was estimated at the date of award using the Black-Scholes based valuation model. The table below outlines the assumptions for the warrants granted.

| Nine Months Ended September 29, 2012 | 2012 |  |
| :--- | :---: | :---: |
| Volatility | 28.2 | $\%$ |
| Expected dividends | 0.00 | $\%$ |
| Expected term |  | 2.0 years |
| Risk-free rate | 0.27 | $\%$ |

The Company calculated expected volatility from the volatility of publicly held companies in similar industries. The dividend yield assumption is based on the Company's history and expectation of 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

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with an equivalent remaining term. The expected term of the warrants represents the contractual terms.
For the nine months ended September 29, 2012, the expense the Company recognized for these warrant awards was \$1,971.

For non-employee share-based compensation, the Company recognized share-based compensation expense of $\$ 1,090,689$ in general and administrative expenses in the statement of operations for the nine months ended September 29, 2012. The Company recognized $\$ 444,263$ in share-based compensation expense for the comparable period in 2011.
-12-

## Table of Contents

Note 6. Stock Issuance
On January 31, 2012, the Company entered into a definitive agreement with investors in a registered direct offering of common stock at a price per share of $\$ 0.75$. On February 9,2012 , the registered direct offering was consummated and the Company sold $9,966,666$ shares of common stock at a price per share of $\$ 0.75$ for gross proceeds of $\$ 7,475,000$, or net proceeds of $\$ 6,739,498$ after deducting offering costs. As a part of the offering commission to its placement agent, the Company issued warrants to purchase 300,000 shares of the Company's common stock to the placement agent, Aegis Capital Corp. and its designees. These warrants have an exercise price of $\$ 0.85$ per share and a term of 2.5 years.

In addition, on January 31, 2012, the Company entered into an agreement with investors, including several members of the Company's management, for the sale of restricted shares of common stock at a price per share of $\$ 0.75$ per share in a private placement. On February 10, 2012, the sale to investors in a private placement was consummated and the Company sold $4,933,329$ restricted shares of common stock at a price per share of $\$ 0.75$ per share for gross proceeds of $\$ 3,699,997$, or net proceeds of $\$ 3,330,740$ after deducting offering costs.

Note 7. Warrants
During the nine months ended September 29, 2012, 750,000 warrants with an exercise price of $\$ 0.21$ per share were exercised and the Company received proceeds of $\$ 157,500$ from exercise of these warrants. These warrants were issued during the year ended January 1, 2011 pursuant to a subscription agreement entered into by the holders of such warrants and the Company on April 22, 2010.

In addition, during the nine months ended September 29, 2012, a part of the warrants issued to Aegis Capital Corp. and its designees, warrants with an exercise price of $\$ 0.85$ per share were exercised and the Company issued 4,103 shares of common stock. The warrant holder elected a cashless exercise pursuant to the provisions of the warrants and received 4,103 shares of common stock in lieu of 15,000 shares and a cash payment of $\$ 0.85$ per share. These warrants were issued during the nine months ended September 29, 2012 as part of Aegis Capital Corp.'s services as a placement agent in conjunction with the registered direct offering concluded during the nine months ended September 29, 2012.

The Company also awarded warrants to purchase 250,000 shares of the Company's common stock to a certain non-employee during the nine months ended September 29, 2012. The exercise price of these warrants was $\$ 0.75$ per share and the term for these warrants was 2 years.

At September 29, 2012, the following warrants were outstanding and exercisable:

| Warrants granted in <br> connection with : |  | Weighted Average <br> Exercise Prices | Number Outstanding <br> And Exercisable <br> At September 29, 2012 | Weighted Average <br> Remaining Contractual <br> Life |
| :--- | :---: | :---: | :---: | :---: |
| 2008 Private placement <br> equity offering | $\$$ | 3.00 | $1,718,350$ | 6.6 months |
| 2010 Private placement <br> equity offering | $\$$ | 0.21 | $7,803,564$ | 7.7 months |
| 2012 Placement agent <br> commission | $\$$ | 0.85 | 285,000 | 22.1 months |
| 2012 Non-employee award | $\$$ | 0.75 | 250,000 | 22.3 months |
|  | $\$$ | 0.72 | $10,056,914$ | 8.3 months |

Note 8. Business Segmentation
Since the year ended December 31, 2011, the Company has generated significant gross sales from its new retail dietary supplement product line, BluScience. As a result, the Company has begun segregating its financial results into two reportable segments.

- Core standards, contract services and ingredients segment includes supply of phytochemical reference standards, which are small quantities of plant-based compounds typically used to research an array of potential attributes, and reference materials, related contract services, and proprietary ingredients.
- Retail dietary supplement products segment which consist of the supply of the BluScience line of dietary supplement products containing our proprietary ingredients to various retail distribution channels.

[^0]
## Table of Contents

The "Other" classification includes corporate items not allocated by the Company to each reportable segment. Further, there are no intersegment sales that require elimination. The Company evaluates performance and allocates resources based on reviewing gross margin by reportable segment. Information about the Company's reporting segments is provided below:


-14-

## Table of Contents

| Nine months ended <br> September 29, 2012 |  | re Standards, tract Services and ngredients segment |  | Retail <br> Dietary Supplement Products segment |  |  | Other |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Sales | \$ | 6,113,523 | \$ | 5,401,230 |  | \$ | - | \$ | 11,514,753 |
| Promotions, discounts and returns |  | (118,280 |  | (3,308,613 | ) |  | - |  | (3,426,893 |
| Net sales |  | 5,995,243 |  | 2,092,617 |  |  | - |  | 8,087,860 |
| Cost of sales |  | 4,413,943 |  | 2,259,184 |  |  | - |  | 6,673,127 |
| Gross profit (loss) |  | 1,581,300 |  | (166,567 | ) |  | - |  | 1,414,733 |
| Operating expenses: |  |  |  |  |  |  |  |  |  |
| Sales and marketing |  | 1,525,545 |  | 3,003,706 |  |  | - |  | 4,529,251 |
| General and administrative |  |  |  | - |  |  | 6,829,359 |  | 6,829,359 |
| Operating expenses |  | 1,525,545 |  | 3,003,706 |  |  | 6,829,359 |  | 11,358,610 |
| Operating income (loss) | \$ | 55,755 | \$ | (3,170,273 |  | \$ | (6,829,359 | ) \$ | (9,943,877 |
| Nine months ended October 1, 2011 |  | re Standards, tract Services and Ingredients segment |  | Retail <br> Dietary Supplement Products segment |  |  | Other |  | Total |
| Gross Sales | \$ | 6,313,895 | \$ | 11,311 |  | \$ |  | \$ | 6,325,206 |
| Promotions, discounts and returns |  | (18,870 |  | (1,547 | ) |  |  |  | (20,417 |
| Net sales |  | 6,295,025 |  | 9,764 |  |  | - |  | 6,304,789 |
| Cost of sales |  | 4,145,705 |  | 91,303 |  |  | - |  | 4,237,008 |
| Gross profit (loss) |  | 2,149,320 |  | (81,539 | ) |  | - |  | 2,067,781 |
| Operating expenses: |  |  |  |  |  |  |  |  |  |
| Sales and marketing |  | 1,306,397 |  | 355,601 |  |  | - |  | 1,661,998 |
| General and administrative |  | - |  |  |  |  | 5,786,204 |  | 5,786,204 |
| Operating expenses |  | 1,306,397 |  | 355,601 |  |  | 5,786,204 |  | 7,448,202 |
| Operating income (loss) | \$ | 842,923 | \$ | (437,140 |  | \$ | (5,786,204 | ) \$ | (5,380,421 |
| At September 29, 2012 |  | re Standards, tract Services and ngredients segment |  | Retail <br> Dietary Supplement Products segment |  |  | Other |  | Total |
| Total assets | \$ | 3,413,173 | \$ | 4,054,968 |  | \$ | 1,962,480 | \$ | 9,430,621 |

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At December 31, 2011

-15-

## Table of Contents

Note 9. Related Transactions
On February 9, 2012, the Company and Opko Health, Inc. ("OPKO") entered into a license, supply and distribution agreement. Pursuant to this agreement, the Company has licensed to OPKO certain new product offerings and health care technologies for distribution and business development throughout Latin America. As of September 29, 2012, there were no transactions between the Company and OPKO under this agreement, but the initial products to be commercialized are BluScience products, as well as our proprietary product pterostilbene. On July 10, 2012, the Company and OPKO entered into another agreement, pursuant to which OPKO was retained to serve as management consultant and advisor to the Company. That agreement expired on October 10, 2012. As a consideration for the services, the Company granted OPKO 500,000 shares of its common stock. Dr. Phillip Frost, who beneficially owns $15,252,937$ shares of the Company's common stock, or $16.6 \%$ of the Company's outstanding shares as of September 29, 2012, is Chairman of the Board and Chief Executive Officer of OPKO.

## Note 10. Management's Plans for Continuing Operations

The Company has incurred a net loss of $\$ 9,963,844$ for the nine-month period ended September 29, 2012. The loss for the nine-month period ended September 29, 2012 is largely due to sales and marketing expenses as well as sales promotions and sales discounts related to the launch of BluScience retail dietary supplement products at retail distribution channels. For the nine months ended September 29, 2012, sales and marketing expenses for BluScience retail dietary supplement products segment totaled $\$ 3,003,706$ and sales promotions, sales discounts and returns for BluScience retail dietary supplement products segment totaled $\$ 3,308,613$. We expect the launch of BluScience (and future new products) to consume significant selling and marketing expenses. We are evaluating the revenues from BluScience and adjusting our expected expenditures in light of our remaining capital available and expected revenues to account for the possibility that we may not be able to raise additional capital in the near term. Another factor that contributed to the net loss is share-based compensation expense. Our share-based compensation expense totaled to $\$ 2,189,917$ for the nine months ended September 29, 2012. In addition to the stock option grants, the Company has been awarding shares of its common stock to both employees and non-employees as compensation for the services provided. Lastly, there were certain one-time severance payments due to the terminations of certain officers of the Company. Such severance payments totaled approximately $\$ 671,000$ for the nine months ended September 29, 2012.

Management's anticipation of future growth is largely related to the line of proprietary ingredients offered by the Company and the demand for BluScience retail dietary supplement products containing these ingredients.

By curtailing certain expenditures, management believes it will be able to support operations of the Company with its current cash, cash equivalents and cash from operations through March, 2013. In addition, as of September 29, 2012, the Company has $7,803,564$ 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 $\$ 1,638,748$. 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 shall require additional financing to further enable it to achieve its long-term strategic objectives, there can be no assurance that such financing will be available on terms favorable to it or at all. If adequate financing is not available, the Company will further delay, postpone or terminate product and service expansion and curtail certain selling, general and administrative operations, which commenced in the first and second quarters of 2012. The inability to raise additional financing may have a material adverse effect on the future performance of the Company.

Note 11. Income Taxes

At September 29, 2012 and December 31, 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 2012, resulting in an effective tax rate of zero for the nine months ended September 29, 2012.
-16-

## Table of Contents

## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF 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," "inte 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 2012 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 forwardlooking 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 or other 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 $10-\mathrm{K}$ for the year ending December 31, 2011 and filed with the Commission on March 15, 2012 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 the Company together with the financial statements and the related notes presented in Item 1 of this Form 10-Q.

## Overview

We supply phytochemical reference standards, which are small quantities of plant-based compounds typically used to research an array of potential attributes, and reference materials, related contract services, and proprietary ingredients. We perform chemistry-based analytical services at our laboratory in Boulder, Colorado, typically in support of quality control or quality assurance activities within the dietary supplement industry. We have recently developed and launched the BluScience line of new retail dietary supplement products containing one of these proprietary ingredients, p TeroPure, which we also sell as an ingredient for incorporation into the products of other companies.

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 our management to make 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.

By curtailing certain expenditures, we anticipate that our current cash, cash equivalents and cash generated from operations, the capital raised during the nine months ended September 29, 2012 (see Liquidity and Capital Resources below) will be sufficient to meet our projected operating plans through the end of March, 2013. We may, however, seek additional capital prior to the end of March, 2013, both to meet our projected operating plans through and after March, 2013 and/or to fund our longer term strategic objectives. Our recent financing did not produce sufficient capital, together with revenues generated and expenses incurred, to meet our revised operating plans and accordingly, we are in the process of reviewing our operating plans and commitments.
-17-

## Table of Contents

Additional capital may come from public and/or 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 our common stock. 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 to 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 though 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 seek third party vendors to provide these services. These vendors may not be available, or may charge fees that prevent us from pricing our products competitively within our markets.

Our new dietary supplement product line based on the ingredient pTeroPure, BluScience, was launched early this year at Walgreens, a national drug store chain with more than 8,000 stores. Along with the launch at Walgreens, our BluScience products also entered another national drug store chain, a regional superstore chain, a specialty health and nutrition chain, a leading online retailer and other specialty stores. The BluScience marketing program and inventory production has been significantly adjusted downward to incur fewer cash expenditures in light of our remaining capital available and expected revenues. There are currently five specific products in the range (HeartBlu, EternalBlu, Blu2Go, MemoryBlu and TrimBlu), each of which is directed toward providing a specific health benefit which we believe there is evidence that p TeroPure supports. In addition, each of the products in the range is co-formulated with other ingredients that also support or enhance that product's particular health benefit.

We have licensed to OPKO Health, Inc. ("OPKO"), a multi-national biopharmaceutical and diagnostics company, certain new product offerings and health care technologies for distribution and business development throughout Latin America. The initial products to be commercialized are BluScience products, as well as our proprietary product pterostilbene. We believe that partnering with OPKO provides a unique opportunity to enter the Latin American market and we see its market a as potentially offering the Company significant long-term economic prospects.

Some of our operations are subject to regulation by various state and federal agencies. In addition, we expect a significant increase in the regulation of our target markets. Dietary supplements are subject to FDA, FTC and USDA regulations relating to composition, labeling and advertising claims. These regulations may in some cases, particularly with respect to those applicable to new ingredients, require a notification that must be submitted to the FDA along with evidence of safety. There are similar regulations related to food additives.

## Results of Operations

We generated net sales of $\$ 8,087,860$ for the nine-month period ended September 29, 2012 as compared to $\$ 6,304,789$ for the nine-month period ended October 1, 2011. We incurred a net loss of $\$ 9,963,844$ for the nine-month period ended September 29, 2012 as compared with a net loss of $\$ 5,403,866$ incurred for the nine-month period ended October 1, 2011. This equated to a $\$ 0.11$ loss per basic and diluted share for the nine-month period ended September 29,2012 as compared with a $\$ 0.08$ loss per basic and diluted share for the nine-month period ended October 1, 2011. For the three-month period ended September 29, 2012, we generated net sales of $\$ 3,632,244$ and a net loss of $\$ 1,538,034$ as compared to net sales of $\$ 1,827,568$ and a net loss of $\$ 2,404,912$ for the three-month period ended October 1, 2011. This was a $\$ 0.02$ loss per basic and diluted share for the three-month period ended September 29, 2012, as compared with a $\$ 0.03$ loss per basic and diluted share for the three-month period ended October 1, 2011.

Over the next two years, we plan to increase research and development efforts for our line of proprietary ingredients and we plan to seek to increase marketing and sales related efforts for these products, including our new dietary supplement product line BluScience, subject to available financial resources. However, we presently do not have available the necessary resources (financial and otherwise) to do so. 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 collaborate with a company that has these capabilities. There can be no assurance, however, that we will actually implement any of these plans.
-18-

## Table of Contents

## Net Sales

Net sales consist of gross sales less promotions, discounts and returns. Net sales increased by $99 \%$ to $\$ 3,632,244$ for the three-month period ended September 29, 2012 as compared to $\$ 1,827,568$ for the three-month period ended October 1, 2011. The core standards, contract services and ingredients segment generated net sales of $\$ 1,989,910$ for the three-month period ended September 29, 2012. This is an increase of $9 \%$, compared to $\$ 1,817,804$ for three-month period ended October 1, 2011. This increase was largely due to increased sales of our proprietary ingredients and other bulk dietary supplement grade raw materials. The retail dietary supplement products segment generated net sales of $\$ 1,642,334$ for the three-month period ended September 29, 2012. The gross sales for this segment was $\$ 2,672,703$, however, sales deductions for promotions, discounts and returns totaled $\$ 1,030,369$. Of the sales deductions amount of $\$ 1,030,369, \$ 900,000$ represents a return reserve against a hold on the receivables placed by a certain retailer. The hold is placed as an offset in the event of future returns of our products. For the three-month period ended October 1, 2011, the retail dietary supplement products segment only had net sales of \$9,764 as we had just begun generating initial sales for our BluScience product line.

For the nine-month period ended September 29, 2012, net sales increased by $28 \%$ to $\$ 8,087,860$ as compared to $\$ 6,304,789$ for the nine-month period ended October 1, 2011. The core standards, contract services and ingredients segment generated net sales of $\$ 5,995,243$ for the nine-month period ended September 29, 2012. This is a decrease of $5 \%$, compared to $\$ 6,295,025$ for the nine-month period ended October 1,2011 . This decrease was primarily due to decreased sales of analytical testing and contract services. The retail dietary supplement products segment generated net sales of $\$ 2,092,617$ for the nine-month period ended September 29, 2012. The gross sales for this segment was $\$ 5,401,230$, however, sales deductions for promotions discounts and returns totaled $\$ 3,308,613$. For the nine-month period ended October 1, 2011, the retail dietary supplement products segment only had net sales of \$9,764 as we had just begun generating initial sales for our BluScience product line.

## Cost of Sales

Cost of sales include raw materials, labor, overhead, and delivery costs. Cost of sales for the three-month period ended September 29, 2012 was $\$ 2,377,991$ as compared with $\$ 1,361,101$ for the three-month period ended October 1, 2011. As a percentage of net sales, this represented a $9 \%$ decrease for the three-month period ended September 29, 2012 compared to the three-month period ended October 1, 2011. The cost of sales as a percentage of net sales for the core standards, contract services and ingredients segment for the three-month period ended September 29, 2012 was $77 \%$ compared to $70 \%$ for the three months ended October 1, 2011. For the three-month period ended September 29, 2012, there were certain maintenance expenses for our laboratory equipment which contributed to the this percentage increase in cost of sales. The cost of sales as a percentage of net sales for the retail dietary supplement products segment for the three-month period ended September 29,2012 was $51 \%$. For the three-month period ended October 1,2011 , the retail dietary supplement products segment generated net sales of $\$ 9,764$ while incurring a cost of $\$ 86,616$, which is mostly related to a write-off of initial lots of BluScience inventory that did not meet required internal quality control specifications.

Cost of sales for the nine-month period ended September 29, 2012 was $\$ 6,673,127$ as compared with $\$ 4,237,008$ for the nine-month period ended October 1, 2011. As a percentage of net sales, this represented $15 \%$ increase for the nine-month period ended September 29, 2012 compared to the nine-month period ended October 1, 2011. The cost of sales as a percentage of net sales for the core standards contract services and ingredients segment for the nine-month period ended September 29, 2012 was $74 \%$ compared to $66 \%$ for the nine-month period ended October 1, 2011. This percentage increase in cost of sales is a result of decreased sales of analytical testing and contract services coupled with an increase in fixed labor costs that make up the majority of costs for analytical testing and contract services. These fixed labor costs did not decrease in proportion to sales, but rather increased as the wages increased. The cost of sales for the retail dietary supplement products segment for the nine-month period ended September 29, 2012 was

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$\$ 2,259,184$ despite net sales of $\$ 2,092,617$. This is due to gross sales of $\$ 5,401,230$ and the cost of sales as a percentage of gross sales was $42 \%$ for the nine-month period ended September 29, 2012. For the nine-month period ended October 1, 2011, the retail dietary supplement products segment generated net sales of $\$ 9,764$ while incurring a cost of $\$ 91,303$, which is mostly related to a write-off of initial lots of BluScience inventory that did not meet required internal quality control specifications.
-19-

## Table of Contents

Gross Profit (Loss)
Gross profit (loss) 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 increased $169 \%$ to $\$ 1,254,253$ for the three-month period ended September 29, 2012 from $\$ 466,467$ for the three-month period ended October 1, 2011. For the core standards, contract services and ingredients segment, our gross profit decreased $17 \%$ to $\$ 450,792$ for the three-month period ended September 29, 2012 from $\$ 543,319$ for the three-month period ended October 1, 2011. The increase in costs such as laboratory equipment maintenance expenses and fixed labor costs for analytical testing and contract services was the primary cause for the decrease in gross profit. For the retail dietary supplement products segment, we had a gross profit of $\$ 803,461$ for the three-month period ended September 29, 2012. For the three-month period ended October 1, 2011, the retail dietary supplement products segment had a gross loss of \$76,852.

Our gross profit decreased $32 \%$ to $\$ 1,414,733$ for the nine-month period ended September 29, 2012 from $\$ 2,067,781$ for the nine-month period ended October 1, 2011. For the core standards, contract services and ingredients segment, our gross profit decreased $26 \%$ to $\$ 1,581,300$ for the nine-month period ended September 29, 2012 from \$2,149,320 for the nine-month period ended October 1, 2011. The decrease in net sales coupled with the increase in costs caused the decrease in gross profit. For the retail dietary supplement products segment, we had a gross loss of $\$ 166,567$ for the nine-month period ended September 29, 2012. This was due to the sales promotions and sales discounts we offered in relation to the launch of our BluScience products to retail distribution channels. For the nine-month period ended October 1, 2011, the retail dietary supplement products segment had a gross loss of $\$ 81,539$.

Operating Expenses-Sales and Marketing
Sales and Marketing Expenses consist of salaries, commissions to brokers and advertising and marketing expenses. Sales and marketing expenses for the three-month period ended September 29, 2012 was $\$ 802,171$ as compared to $\$ 650,516$ for the three-month period ended October 1, 2011. For the core standards, contract services and ingredients segment, sales and marketing expenses for the three-month period ended September 29, 2012 increased to $\$ 514,029$ as compared to $\$ 390,524$ for the three-month period ended October 1, 2011. This increase was primarily due to an increase in sales staff and increased marketing efforts for our proprietary ingredient, pterostilbene. For the retail dietary supplement products segment, sales and marketing expenses for the three-month period ended September 29, 2012, increased to $\$ 288,142$ compared to $\$ 259,992$ for the three-month period ended October 1, 2011. The sales and marketing expenses for the three-month period ended September 29, 2012 are mostly comprised of on-going sales commissions and co-op advertisings with retailers, whereas the sales and marketing expenses for the three-month period ended October 1, 2011 are mostly comprised of certain pre-launch marketing expenses for our BluScience products.

Sales and marketing expenses for the nine-month period ended September 29, 2012 was $\$ 4,529,251$ as compared to $\$ 1,661,998$ for the nine-month period ended October 1, 2011. For the core standards, contract services and ingredients segment, sales and marketing expenses for the nine-month period ended September 29, 2012, increased to $\$ 1,525,545$ compared to $\$ 1,306,397$ for the nine-month period ended October 1, 2011. For the retail dietary supplement products segment, sales and marketing expenses for the nine-month period ended September 29, 2012, increased to $\$ 3,003,706$ as compared to $\$ 355,601$ for the nine-month period ended October 1, 2011. This increase was mainly due to our national advertising campaign through television and radio media during the first six months of 2012, as well as co-op advertising with retailers in support of the launch of BluScience products.

Operating Expenses-General and Administrative

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General and Administrative Expenses consist of research and development, general company administration, IT, accounting and executive management. General and administrative expenses for the three-month period ended September 29, 2012 decreased to $\$ 1,983,720$ as compared to $\$ 2,213,636$ for the three-month period ended October 1, 2011. One of the factors that contributed to this decrease was a departure of a certain officer who was with the Company during the three-month period ended October 1, 2011. The Company did not hire a new officer to fill the vacated position and this led to a decrease in wages and other related overhead expenses.
-20-

## Table of Contents

General and administrative expenses for the nine-month period ended September 29, 2012 increased to $\$ 6,829,359$ as compared to $\$ 5,786,204$ for the nine-month period ended October 1, 2011. One of the factors that contributed to this increase was certain one-time severance payments made due to the terminations of certain officers of the Company. Severance expenses incurred due to the terminations of certain officers for the nine-month period ended September 29, 2012 were approximately $\$ 671,000$. Another factor that contributed to the increase in general and administrative expenses was the increase in investor relations expenses for the purpose of increasing market and shareholder awareness. Our investor relations expenses for the nine-month period ended September 29, 2012 were $\$ 907,793$ as compared to $\$ 389,700$ for the nine-month period ended October 1, 2011. Lastly, we had additional executive management and administrative staff during the first six months of 2012, to support the launch of BluScience, which led to an increase in general and administrative expenses.

## 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 September 29, 2012 were $\$ 469$ and $\$ 2,725$ as compared to $\$ 295$ and $\$ 1,159$ for the three- and nine-month periods ended October 1, 2011.

## Non-operating Expenses- Interest Expense

Interest expense consists of interest on capital leases. Interest expense for the three- and nine-month periods ended September 29, 2012, were $\$ 6,865$ and $\$ 22,692$ as compared to $\$ 7,522$ and $\$ 24,604$ for the three- and nine-month periods ended October 1, 2011.

Depreciation and Amortization
Depreciation expense for the nine-month period ended September 29, 2012, was approximately $\$ 247,227$ as compared to $\$ 247,024$ for the nine-month period ended October 1, 2011. 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 September 29, 2012, was approximately $\$ 11,277$ as compared to $\$ 55,843$ for the nine-month period ended October 1, 2011. We amortize intangible assets using a straight-line method over 10 years.

## Liquidity and Capital Resources

From inception and through September 29, 2012, we have incurred aggregate losses of approximately $\$ 28$ million. These losses are primarily due to 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 placements and through our registered direct offering.

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 administrative 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. There can be no assurance that any such financing will be available on terms favorable to us or at all. Without adequate financing we may have to further delay or terminate product or service expansion plans. In particular, we do not presently have resources to continue costly BluScience related inventory development, marketing, and media programs at the current spending levels. Any inability to raise additional financing would have a material adverse effect on us.

During the nine-month period ended September 29, 2012, we sold 9,966,666 shares of our common stock at a price per share of $\$ 0.75$ for gross proceeds of $\$ 7,475,000$, or $\$ 6,739,498$ after deducting offering costs in a registered direct offering of these shares. We also sold $4,933,329$ restricted shares of our common stock at a price per share of $\$ 0.75$ for gross proceeds of $\$ 3,699,997$, or $\$ 3,330,740$ after deducting offering costs. In addition, as of September 29, 2012, we had $7,803,564$ 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 $\$ 1,638,748$. There can be no assurance 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. While we anticipate that our current levels of capital, along with curtailment of certain expenses, will be sufficient to meet our projected operating plans through the end of March, 2013, we may seek additional capital prior to March, 2013, both to meet our projected operating plans through and after March, 2013 and to fund our longer term strategic objectives. In addition, if the net sales generated from BluScience retail dietary supplement products segment during the next six months fall short of our expectations, we will further reduce our planned expenditures for BluScience marketing accordingly. To the extent we are unable to raise additional cash or generate sufficient revenue to meet our projected operating plans prior to March, 2013, we will revise our projected operating plans accordingly.

## Table of Contents

Net cash used in operating activities
Net cash used in operating activities for the nine months ended September 29, 2012 was approximately $\$ 9,369,871$ as compared to approximately $\$ 2,497,791$ for the nine months ended October 1, 2011. Along with the net loss, an increase in inventories and trade receivables were the largest uses of cash during the nine months ended September 29, 2012. Net cash used in operating activities for the nine months ended October 1, 2011 largely reflects increase in inventories and prepaid expenses along with the net loss.

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 approximately $\$ 65,764$ for the nine months ended September 29, 2012, compared to approximately $\$ 152,369$ for the nine months ended October 1, 2011. 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.

Net cash provided by financing activities
Net cash provided by financing activities was approximately $\$ 10,252,554$ for the nine months ended September 29, 2012, compared to approximately $\$ 2,493,009$ for the nine months ended October 1,2011 . Net cash provided by financing activities for the nine months ended September 29, 2012 mainly consisted of proceeds from issuance of our common stock through registered direct offering and private placement. 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.

## 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 September 29, 2012, 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 for the year ending December 31, 2011 and filed with the Commission on March 15, 2012.

## ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

At September 29, 2012 and December 31, 2011, our cash consists of short term, highly liquid investments in money market funds managed by banks.

Interest Rate Risk

Our primary exposure to market risk is interest income sensitivity, which is affected by changes in the general level of interest rates, particularly because our investments are in short-term money marketable funds. Due to the short-term duration of our investment portfolio and the relatively low risk profile of our investments, a sudden change in interest rates would not have a material effect on the fair market value of our portfolio, nor our operating results or cash flows.

We do not believe we have significant risk of default or illiquidity. However, we may maintain significant amounts of cash at one or more financial institutions in excess of federally insured limits. Given the current instability of financial institutions, we cannot provide assurance that we will not experience losses on these deposits.

Our capital lease obligations bear interest at a fixed rate and therefore these leases have no exposure to changes in interest rates.
-22-

## Table of Contents

## Foreign Currency Risk

All of our long-lived assets are located within the United States and we do not hold any foreign currency denominated financial instruments.

## Effects of Inflation

We do not believe that inflation and changing prices during the three and nine months ended September 29, 2012 and October 1, 2011 had a significant impact on our results of operations.

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 September 29, 2012.

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

## Table of Contents

## PART II - OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS
None.

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

None.

## ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None.

## ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

## ITEM 5. OTHER INFORMATION

None.

## ITEM 6. EXHIBITS

Exhibit
No. Description of Exhibits
10.1 Patent License Agreement, dated July 13, 2012 between Dartmouth College and the Company (1)
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
Certification of the Chief Financial Officer pursuant to $\S 240.13 \mathrm{a}-14$ or $\S 240.15 \mathrm{~d}-14$ 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 SarbanesOxley Act of 2002)
101.INS XBRL Instance Document*
101.SCH XBRL Taxonomy Extension Schema*
101.CAL XBRL Taxonomy Extension Calculation Linkbase*
101.DEF XBRL Taxonomy Extension Definition Linkbase*
101.LAB XBRL Taxonomy Extension Label Linkbase*
101.PRE XBRL Taxonomy Extension Presentation Linkbase*
(1)This Exhibit has been separately filed with the Commission pursuant to an application for confidential treatment. The confidential portions of the Exhibit have been omitted and are marked by an asterisk.

* Pursuant to Rule 406T of Regulation S-T, these interactive data files are deemed not filed or part of a registration statement or prospectus for purposes of Sections 11 or 12 of the Securities Act of 1933 or Section 18 of the Securities Exchange Act of 1934 and otherwise are not subject to liability.


## Table of Contents

## 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.

Date: November 8, 2012

ChromaDex Corporation<br>(Registrant)<br>/s/ THOMAS C. VARVARO<br>Thomas C. Varvaro<br>Duly Authorized Officer and Chief Financial Officer -25-


[^0]:    -13-

