ChromaDex Corp.
Form 10-Q
August 12, 2014

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION <br> 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 June 28, 2014
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)

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

26-2940963
(I.R.S. Employer Identification No.)

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 $\qquad$ Accelerated filer $\qquad$
Non-accelerated filer $\qquad$
(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
$\qquad$ No X

Number of shares of common stock of the registrant: 106,478,593 outstanding as of August 11, 2014.

## CHROMADEX CORPORATION

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## ITEM 1. FINANCIAL STATEMENTS

ChromaDex Corporation and Subsidiaries
Condensed Consolidated Balance Sheets
(Unaudited)
June 28, 2014 and December 28, 2013

| June 28, | December 28, |
| :---: | :---: |
| 2014 | 2013 |

Assets

| Current Assets |  |  |  |
| :--- | :--- | :--- | :--- |
| Cash | $\$$ | $1,280,627$ | $2,261,336$ |

Trade receivables, less allowance for doubtful accounts and returns
June 28, 2014 \$25,000; December 28, 2013

| $\$ 9,000$ | $2,121,161$ | 838,793 |
| :--- | :--- | :--- |
| Other receivable | - | 215,000 |
| Inventories | $2,873,028$ | $2,204,125$ |
| Prepaid expenses and other assets | 307,322 | 271,445 |
| Total current assets | $6,582,138$ | $5,790,699$ |
| Leasehold Improvements and Equipment, net | $1,218,351$ | $1,063,239$ |
| Other Noncurrent Assets | 47,984 | 43,460 |
| Deposits | 773,801 | $1,887,844$ |
| Long-term investment in affiliate | 255,937 | 201,650 |
| Intangible assets, net | $1,077,722$ | $2,132,954$ |
| Total other noncurrent assets | $8,878,211$ | $\$$ |
| Total assets | $\$$ | $8,986,892$ |

Liabilities and Stockholders' Equity

| Current Liabilities | $\$$ | $2,758,264$ | $\$$ |
| :--- | :--- | :--- | :--- |
| Accounts payable | 738,408 | $1,440,910$ |  |
| Accrued expenses | 159,641 | 656,707 |  |
| Current maturities of capital lease obligations | 263,270 | 138,887 |  |
| Customer deposits and other | 60,531 | 546,044 |  |
| Deferred rent, current | $3,980,114$ | 55,586 |  |
| Total current liabilities | 404,081 | $2,838,134$ |  |
| Capital lease obligations, less current maturities | 175,496 | 280,342 |  |
| Deferred rent, less current | $4,559,691$ | 202,965 |  |
| Total liabilities |  | $3,321,441$ |  |

Commitments and contingencies

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ChromaDex Corporation and Subsidiaries
Condensed Consolidated Statements of Operations (Unaudited)
For the Three Month Periods Ended June 28, 2014 and June 29, 2013
$\left.\begin{array}{l|l|c} & \begin{array}{c}\text { June 28, } \\ \text { June 29, }\end{array} \\ & 2014 & 2013\end{array}\right)$

See Notes to Condensed Consolidated Financial Statements.
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ChromaDex Corporation and Subsidiaries
Condensed Consolidated Statements of Operations (Unaudited)
For the Six Month Periods Ended June 28, 2014 and June 29, 2013

|  |  | June 28, $2014$ | June 29, 2013 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sales, net | \$ | 6,930,292 |  | \$ | 5,041,462 |
| Cost of sales |  | 4,546,518 |  |  | 3,407,884 |
| Gross profit |  | 2,383,774 |  |  | 1,633,578 |
| Operating expenses: |  |  |  |  |  |
| Sales and marketing |  | 1,036,115 |  |  | 1,360,983 |
| General and administrative |  | 4,806,309 |  |  | 2,702,181 |
| Loss from investment in affiliate |  | 21,543 |  |  | - |
| Operating expenses |  | 5,863,967 |  |  | 4,063,164 |
| Operating loss |  | (3,480,193 | ) |  | (2,429,586 |
|  |  |  |  |  |  |
| Nonoperating income (expense): |  |  |  |  |  |
| Interest income |  | 945 |  |  | 500 |
| Interest expense |  | (21,910 | ) |  | (15,852 |
| Nonoperating expenses |  | (20,965 | ) |  | (15,352 |
|  |  |  |  |  |  |
| Net loss | \$ | (3,501,158 |  | \$ | (2,444,938 |
| Basic and Diluted loss per common share | \$ | (0.03 |  | \$ | (0.03 |
| Basic and Diluted weighted average common shares outstanding |  | 106,130,972 |  |  | 97,230,043 |

See Notes to Condensed Consolidated Financial Statements.
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ChromaDex Corporation and Subsidiaries
Condensed Consolidated Statement of Stockholders' Equity (Unaudited)
For the Six Month Period Ended June 28, 2014

|  | Common Stock |  | Additional Paid-in Capital | Accumulated Deficit | Total Stockholders' Equity |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Shares | Amount |  |  |  |
| Balance, December 28, 2013 | 104,524,738 | \$104,525 | \$39,697,063 | \$(34,136,137) | \$ 5,665,451 |
| Exercise of stock options | 34,363 | 34 | 27,066 | - | 27,100 |
| Share-based compensation | - | - | 949,943 | - | 949,943 |
| Net loss | - | - |  | (1,848,016 ) | (1,848,016 ) |
| Balance, March 29, 2014 | 104,559,101 | \$ 104,559 | \$40,674,072 | \$(35,984,153) | \$ 4,794,478 |
| Exercise of stock options | 24,136 | 24 | 17,971 | - | 17,995 |
| Share-based compensation | 6,000 | 6 | 1,030,689 | - | 1,030,695 |
| Stock issued to settle outstanding payable balance | 126,605 | 127 | 128,367 | - | 128,494 |
| Net loss | - | - |  | (1,653,142 ) | (1,653,142 ) |
| Balance, June 28, 2014 | 104,715,842 | \$104,716 | \$41,851,099 | \$(37,637,295) | \$ 4,318,520 |

See Notes to Condensed Consolidated Financial Statements.
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ChromaDex Corporation and Subsidiaries
Condensed Consolidated Statements of Cash Flows (Unaudited)
For the Six Month Periods Ended June 28, 2014 and June 29, 2013


| Supplemental Schedule of Noncash Investing <br> Activity <br> Capital lease obligation incurred for purchases of <br> equipment <br> Retirement of fully depreciated equipment | $\$$ | 222,629 | $\$$ | 171,851 |
| :--- | :--- | :--- | :--- | :--- |
| Supplemental Schedule of Noncash Operating <br> Activity <br> Stock issued to settle outstanding payable balance | $\$$ | 56,110 | $\$$ | - |
| Supplemental Schedule of Noncash Share-based <br> Compensation | $\$$ | 128,494 | $\$$ | - |
| Stock awards issued for services rendered in prior <br> period <br> Changes in prepaid expenses associated with <br> share-based compensation | $\$$ | - |  |  |
| Supplemental Schedule of Noncash Activities <br> Related to Sale of BluScience Consumer Product <br> Line <br> Assets transferred <br> Liabilities transferred <br> Carrying value of long-term investment in <br> affiliate, net of $\$ 750,000$ cash proceeds and <br> $\$ 250,000$ receivable | $\$$ | 55,631 | $\$$ | 206,697 |

See Notes to Condensed Consolidated Financial Statements.
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Note 1. Interim Financial Statements
The accompanying financial statements of ChromaDex Corporation (the "Company") and its wholly owned subsidiaries, ChromaDex, Inc., ChromaDex Analytics, Inc. and Spherix Consulting, 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 the Company's financial position as of June 28, 2014 and results of operations and cash flows for the three and six months ended June 28, 2014 and June 29, 2013. 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 28, 2013 appearing in the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission (the "Commission") on March 27, 2014. Operating results for the six months ended June 28, 2014 are not necessarily indicative of the results to be achieved for the full year ending on January 3, 2015. The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America ("GAAP") 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 28, 2013 has been derived from the audited financial statements at that date, but does not include all of the information and footnotes required by GAAP for complete financial statements.

## Note 2. Nature of Business and Liquidity

Nature of business: The Company is a natural products company that discovers, acquires, develops and commercializes proprietary-based ingredient technologies through its business model that utilizes its wholly owned business units, including ingredient technologies, natural product fine chemicals (known as "phytochemicals"), chemistry and analytical testing services, and product regulatory and safety consulting (as Spherix Consulting). The Company provides science-based solutions to the nutritional supplement, food and beverage, animal health, cosmetic and pharmaceutical industries. The Company acquired Spherix Consulting, Inc. on December 3, 2012, which provides scientific and regulatory consulting to the clients in the food, supplement and pharmaceutical industries to manage potential health and regulatory risks.

Liquidity: The Company has incurred a loss from operations of approximately $\$ 3,480,000$ and a net loss of approximately $\$ 3,501,000$ for the six-month period ended June 28, 2014. As of June 28, 2014, cash totaled approximately $\$ 1,281,000$. By curtailing certain expenditures, management believes it will be able to support operations of the Company with its current cash and cash from operations through March, 2015. 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 expenses. The inability to raise additional financing may have a material adverse effect on the future performance of the Company.

## Note 3. Significant Accounting Policies

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, and will end on January 3, 2015.

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Changes in accounting estimate: During the six-month period ended June 28, 2014, the Company evaluated assumptions for estimating the fair value of the Company's stock options. The Company uses the Black-Scholes based option valuation model, which requires assumptions on (i) volatility, (ii) expected dividends, (iii) expected term and (iv) risk-free rate. While evaluating the assumptions on volatility, the Company determined that the historical volatility the Company's common stock needs to be considered when estimating the expected volatility. Previously, the Company calculated expected volatility based on publicly held companies in similar industries and did not consider the historical volatility of the Company's common stock, as the historical measurement period that was available to compute the volatility rate of the Company's common stock was shorter than the expected life of the options.

For the stock options granted during the six-month period ended June 28, 2014, the Company calculated expected volatility rate based on the combined volatility of publicly held companies in similar industries and volatility of the Company's common stock. A 20~25\% weight was assigned to the volatility of the Company's common stock as the historical volatility of the Company's common stock covers only the period since June 2008 in a thinly traded market. The weighted average expected volatility for the stock options granted during the six-month period ended June 28, 2014 using this revised calculation method was approximately $73 \%$. The weighted average expected volatility would have been approximately $30 \%$, if we calculated based on only publicly held companies in similar industries.

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. 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 June 28, 2014 and December 28, 2013 are as follows:

|  | June 28, | December |
| :--- | :---: | :---: |
|  | 2014 | 28,2013 |$|$|  | $\$ 1,707,272$ | $\$ 1,769,160$ |
| :--- | :---: | :---: |
| Reference standards | $1,421,756$ | 694,965 |
| Bulk ingredients | $3,129,028$ | $2,464,125$ |
| Less valuation allowance | 256,000 | 260,000 |
|  | $\$ 2,873,028$ | $\$ 2,204,125$ |

Recent accounting standards: In May 2014, the FASB issued Accounting Standards Update No. 2014-09, Revenue from Contracts with Customers: Topic 606 (ASU 2014-09), to supersede nearly all existing revenue recognition guidance under U.S. GAAP. The core principle of ASU 2014-09 is to recognize revenues when promised goods or services are transferred to customers in an amount that reflects the consideration that is expected to be received for those goods or services. ASU 2014-09 defines a five step process to achieve this core principle and, in doing so, it is possible more judgment and estimates may be required within the revenue recognition process than required under existing U.S. GAAP including identifying performance obligations in the contract, estimating the amount of variable consideration to include in the transaction price and allocating the transaction price to each separate performance obligation. ASU 2014-09 is effective for us in our first quarter of fiscal 2018 using either of two methods: (i) retrospective to each prior reporting period presented with the option to elect certain practical expedients as defined within ASU 2014-09; or (ii) retrospective with the cumulative effect of initially applying ASU 2014-09 recognized at the date of initial application and providing certain additional disclosures as defined per ASU 2014-09. We are currently evaluating the impact of our pending adoption of ASU 2014-09 on our consolidated financial statements.

Note 4. Loss Per Share Applicable to Common Stockholders

The following table sets forth the computations of loss per share amounts applicable to common stockholders for the three and six months ended June 28, 2014 and June 29, 2013:

|  | Three Months Ende |  | Six Months Ended |  |
| :---: | :---: | :---: | :---: | :---: |
|  | June 28, 2014 | $\begin{gathered} \text { June } 29, \\ 2013 \end{gathered}$ | June 28, 2014 | $\begin{gathered} \text { June } 29, \\ 2013 \end{gathered}$ |
| Net loss | \$(1,653,142 | \$(1,020,866 ) | \$(3,501,158 | \$(2,444,938) |
| Basic and diluted loss per common share | \$(0.02 | \$(0.01 | \$(0.03 | \$(0.03 |
| Weighted average common shares outstanding (1): | 106,185,584 | 99,833,963 | 106,130,972 | 97,230,043 |
| Potentially dilutive securities: |  |  |  |  |
| Stock options (2) | 14,686,002 | 13,422,152 | 14,686,002 | 13,422,152 |
| Warrants (2) | - | 939,047 | - | 939,047 |

(1) Includes $1,680,000$ nonvested restricted stock as these restricted stock are participating securities and have voting and dividend rights.
(2) The impact of stock options and warrants on earnings per share is antidilutive in a period of loss.
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Note 5. Investment in Affiliate
During the year ended December 28, 2013, the Company entered into an asset purchase and sale agreement with NeutriSci International Inc. ("NeutriSci") and consummated the sale of BluScience consumer product line to NeutriSci. The Company is using the cost recovery method to account the sale transaction, which was estimated at approximately $\$ 3,157,804$. The consideration received consisted of following: (a) a $\$ 1,000,000$ cash payment; (b) a $\$ 2,500,000$ senior convertible secured note (convertible into 625,000 shares Series I Preferred Stock); and (c) 669,708 shares of Series I Preferred Shares that are convertible into 2,678,832 Class "A" common shares of NeutriSci, representing an aggregate of $19 \%$ of the NeutriSci shares at the date of the transaction.

The Company has previously applied the equity method of accounting due to a significant influence that it had obtained from the financial instruments noted above, and the carrying value, which includes the Senior Note, was reflected as long-term investment in affiliate in the Company's consolidated balance sheet at the date of transaction. The initial carrying value of this investment recognized at the date of transaction was $\$ 2,157,804$, which is the Company's unrecovered cost or the difference between the net assets transferred to NeutriSci and the initial monetary consideration received. The 669,708 shares of Series I Preferred Shares and the senior convertible secured note were accounted for as one long-term investment in NeutriSci. Under the cost recovery method, no gain on the sale will be recognized until the Company's cost basis in the net assets transferred has been recovered.

## Sale of Senior Secured Convertible Note

On December 30, 2013, the Company assigned the Senior Note to an unrelated third party for $\$ 1,250,000 . \$ 2,275,000$ remained outstanding on the Senior Note at the date of the assignment. The Company also paid legal fees of \$7,500 out of the proceeds of the purchase price. The Company also agreed to transfer to the third party a number of shares of preferred stock of NeutriSci having a value of $\$ 500,000$ upon the earlier of (a) December 31, 2014; or (b) the consummation by NeutriSci of any action resulting in the shares of its common stock being listed on an exchange. There is no recourse provision to the Company associated with the assignment of the note. In connection with the assignment of the note, the Company paid Palladium Capital Advisors, LLC ("Palladium"), a placement agent, a cash fee of $\$ 150,000$ and agreed to transfer to Palladium a number of shares of preferred stock of NeutriSci having a value of $\$ 50,000$ upon the consummation by NeutriSci of any action resulting in the shares of its common stock being listed on an exchange. The net proceeds received from the assignment of the Senior Note have been charged against the carrying value of the long-term investment in affiliate. As of June 28, 2014, the Company has not transferred preferred stock of NeutriSci to either the unrelated party or Palladium.

Subsequent to the consummation of the sale of BluScience consumer product line, NeutriSci has issued additional 950 shares of Series I Preferred Shares pursuant to anti-dilution provision. As of June 28, 2014, the Company holds a total of 670,658 shares of Series I Preferred Shares.

Loss of Significant Influence
As a result of the assignment of the Senior Note described above, the Company no longer has a significant influence on NeutriSci as of December 30, 2013. As a result, the Company has discontinued applying equity method of accounting and has applied cost method of accounting from December 30, 2013. The adjusted carrying amount as of December 30, 2013 became the new cost figure for the investment and no retrospective adjustments to the financial statements have been made.

The Company had elected to record equity method adjustments in losses on the investment in NeutriSci, with a three-month lag, as the financial information of NeutriSci was not available in a timely manner. The equity method adjustment for the previously unaccounted NeutriSci's operations from October 1, 2013 to December 31, 2013 is

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recorded during the six-month period ended June 28, 2014, and is incorporated into the adjusted carrying amount of the investment.
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Sales, gross profit, net loss of NeutriSci for the three months ended December 31, 2013 and the changes in carrying value and the Company ownership percentage through December 30, 2013 are summarized as follows:

|  | December 31, |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  | 2013 |
| Sales | $\$$ | 60,575 |  |  |
| Gross profit | $\$$ | 33,619 |  |  |
| Net loss | $\$$ | $(435,208$ |  |  |

Changes in Carrying Value and Ownership Percentage for ChromaDex Corporation

|  | Carrying <br> Value <br> At December 28, 2013 | $\$$ | Ownership <br> Percentage |
| :--- | :--- | :--- | :--- | :--- |
| Company's share of NeutriSci's loss for the <br> three-month period ended December 31, 2013; <br> previously not recognized due to a three-month lag |  | $1,887,844$ | 4.9 |

Valuation assessment of Investment
As of June 28, 2014, the Company has determined that there is no other-than-temporary impairment of the carrying amounts of its investment in NeutriSci. The Company will continue to monitor NeutriSci's performance and evaluate if there are any such events or indicators to consider.

Note 6. Leasehold Improvements and Equipment
Leasehold improvements and equipment consisted of the following:

|  | June 28, |  |  |
| :--- | :---: | :---: | :---: |
|  | 2014 | December 28, 2013 |  |
|  | $\$$ | $3,021,510$ | $\$$ |
| Laboratory equipment | 495,240 | $2,782,364$ |  |
| Leasehold improvements | 328,216 | 491,125 |  |
| Computer equipment | 13,039 | 372,851 |  |
| Furniture and fixtures | 7,877 | 18,313 |  |
| Office equipment | 37,702 | 7,877 |  |
| Construction in progress | $3,903,584$ | 40,126 |  |
|  | $2,685,233$ | $3,712,656$ |  |
| Less accumulated depreciation | $\$$ | $1,218,351$ | $\$$ |
|  |  |  | $1,063,239$ |

Depreciation expense on leasehold improvements and equipment included in the consolidated statement of operations for the six months ended June 28, 2014 and June 29, 2013 was approximately $\$ 107,000$ and $\$ 134,000$, respectively.

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During the six months ended June 28, 2014, the Company disposed of approximately $\$ 56,000$ of fully depreciated equipment.
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Note 7. Share-Based Compensation
7A. Employee Share-Based Compensation

## Stock Option Plans

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 six months ended June 28, 2014.

Six Months Ended June 28, 2014

| Expected volatility | 72.82 | $\%$ |
| :--- | :---: | :---: |
| Expected dividends | 0.00 | $\%$ |
| Expected term | 5.7 years |  |
| Risk-free rate | 1.85 | $\%$ |

The weighted average fair value of options granted during the six months ended June 28, 2014 was $\$ 0.91$.

## Service Period Based Stock Options

The majority of options granted by the Company are comprised of service-based options granted to employees. These options vest ratably over a defined period of approximately 3 to 5 years following grant date after a passage of a service period.

The following table summarizes service period based stock options activity at June 28, 2014 and changes during the six months then ended:

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

The aggregate intrinsic values in the table above are before income taxes, based on the Company's closing stock price of $\$ 1.30$ on the last day of business for the period ended June 28, 2014.

As of June 28, 2014, there was approximately $\$ 2,464,000$ of total unrecognized compensation expense expected to be recognized over a weighted average period of 2.19 years.

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## Restricted Stock

Restricted stock awards granted by the Company to employees have vesting conditions that are unique to each award.
The following table summarizes activity of restricted stock awards granted to employees at June 28, 2014 and changes during the six months then ended:

|  |  | Weighted <br> Average <br> Award-Date <br> Fair Value |
| :--- | ---: | :--- |
| Unvested shares at December 28, 2013 | 500,000 | $\$ 0.69$ |

On January 2, 2014, the Company awarded an aggregate of 1,090,000 shares of restricted stock to the Company's officers and members of the board of directors. 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 the officers and members of the board of directors without cause for any reason. The fair values of these restricted stock awards were estimated at the date of award using the Company's stock price. The expense related the restricted stock award will be amortized over the period of six months through July 1, 2014, as the Company determined the requisite service period to be 6 months as that is when they are eligible to vest.

As of June 28, 2014, there was approximately $\$ 25,000$ of total unrecognized expense related to restricted stock awards granted. That cost is expected to be recognized by July 1, 2014.

## Employee Option and Restricted Stock Compensation

The Company recognized compensation expense of approximately $\$ 1,021,000$ and $\$ 1,970,000$ in general and administrative expenses in the statement of operations for the three and six months ended June 28, 2014, respectively, and $\$ 286,000$ and $\$ 573,000$ for the three and six months ended June 29, 2013, respectively.

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## 7B. Non-Employee Share-Based Compensation

## Stock Option Plans

The following table summarizes activity of stock options granted to non-employees at June 28, 2014 and changes during the six months then ended:

|  | Weighted Average |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number of Shares | Exercise Price | Remaining Contractual Term | Aggregate <br> Intrinsic <br> Value |
| Outstanding at December 28, 2013 | 847,300 | \$1.44 | 5.74 |  |
| Options Granted | - | - |  |  |
| Options Classification from Employee to Non-Employee | 113,151 | 0.76 |  |  |
| Options Exercised | - | - |  |  |
| Options Forfeited | - | - |  |  |
| Outstanding at June 28, 2014 | 960,451 | \$1.36 | 5.58 | \$ 109,000 |
| Exercisable at June 28, 2014 | 960,451 | \$1.36 | 5.58 | \$ 109,000 |

The aggregate intrinsic values in the table above are before income taxes, based on the Company's closing stock price of $\$ 1.30$ on the last day of business for the period ended June 28, 2014.

Restricted Stock
Restricted stock awards granted by the Company to non-employees generally have a time vesting condition tied to the respective service agreements. 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 six months ended June 28, 2014 was approximately $\$ 8,000$, which represents the market value of the Company's common stock on the vesting date.
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The following table summarizes activity of restricted stock awards to non-employees at June 28, 2014 and changes during the six months then ended:

|  |  | Weighted <br> Average |
| :--- | :---: | :---: |
| Fair Value |  |  |

As of June 28, 2014, there was approximately $\$ 115,000$ of total unrecognized compensation expense related to restricted stock awards to non-employees. That cost is expected to be recognized over a period of 3.7 years as of June 28, 2014.

## Non-Employee Option and Restricted Stock Compensation

The Company recognized share-based compensation expense of approximately $\$ 16,000$ and $\$ 66,000$ in general and administrative expenses in the statement of operations for the three and six months ended June 28, 2014, respectively, and $\$ 90,000$ and $\$ 155,000$ for the three and six months ended June 29, 2013, respectively.

Note 8. Stock Issuance
On June 11, 2014, the Company issued 44,605 shares of common stock to a vendor to settle an outstanding payable balance of $\$ 52,188$.

On June 18, 2014, the Company issued 82,000 shares of common stock to a vendor to settle an outstanding payable balance of $\$ 76,306$ and prepayment of 6 months of $\$ 3,000$ per month monthly retainer fees through December, 2014.

## Note 9. Business Segmentation

Since the year ended December 28, 2013, the Company has generated significant revenue from its ingredients operations and has made operational changes, including changes in the organizational structure to support the ingredients operations. As a result, on December 29, 2013, the Company began segregating its financial results for ingredients operations, and has following three reportable segments.

- Core standards, and contract services segment includes supply of phytochemical reference standards, which are small quantities of plant-based compounds typically used to research an array of potential attributes, reference materials, and related contract services.
- Ingredients segment develops and commercializes proprietary-based ingredient technologies and supplies these ingredients to the manufacturers of consumer products in various industries including the nutritional supplement, food and beverage and animal health industries.
- Scientific and regulatory consulting segment which consist of providing scientific and regulatory consulting to the clients in the food, supplement and pharmaceutical industries to manage potential health and regulatory risks.

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.
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| Three months ended June 28, 2014 | Core Standards and Contract Services segment |  | Ingredients segment |  |  | cientific and Regulatory Consulting segment | Other |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net sales | \$ | 1,856,950 | \$ | 1,721,872 | \$ | 277,332 | \$ | - | \$ | 3,856,154 |
| Cost of sales |  | 1,295,530 |  | 1,043,538 |  | 118,320 |  | - |  | 2,457,388 |
| Gross profit |  | 561,420 |  | 678,334 |  | 159,012 |  | - |  | 1,398,766 |
| Operating expenses: |  |  |  |  |  |  |  |  |  |  |
| Sales and marketing |  | 221,797 |  | 310,386 |  | 39,365 |  | - |  | 571,548 |
| General and administrative |  | - |  | - |  | - |  | 2,468,646 |  | 2,468,646 |
| Loss from investment in affiliate |  | - |  | - |  | - |  | - |  | - |
| Operating expenses |  | 221,797 |  | 310,386 |  | 39,365 |  | 2,468,646 |  | 3,040,194 |
| Operating income (loss) | \$ | 339,623 | \$ | 367,948 | \$ | 119,647 | \$ | (2,468,646 ) | \$ | (1,641,428 ) |
| Three months ended June 29, 2013 |  | Standards <br> d Contract Services segment |  | Ingredients segment |  | cientific and Regulatory Consulting segment |  | Other |  | Total |
| Net sales | \$ | 1,830,197 | \$ | 674,175 | \$ | 202,524 | \$ |  | \$ | 2,706,896 |
| Cost of sales |  | 1,200,670 |  | 413,743 |  | 131,745 |  | - |  | 1,746,158 |
| Gross profit |  | 629,527 |  | 260,432 |  | 70,779 |  | - |  | 960,738 |
| Operating expenses: |  |  |  |  |  |  |  |  |  |  |
| Sales and marketing |  | 407,911 |  | 222,536 |  | 1,112 |  | - |  | 631,559 |
| General and administrative |  | - |  | - |  | - |  | 1,342,280 |  | 1,342,280 |
| Operating expenses |  | 407,911 |  | 222,536 |  | 1,112 |  | 1,342,280 |  | 1,973,839 |
| Operating income (loss) | \$ | 221,616 | \$ | 37,896 | \$ | 69,667 | \$ | (1,342,280 ) | \$ | (1,013,101 ) |


|  | Core Standards <br> and Contract <br> Services <br> segment | Ingredients <br> segment | Scientific and <br> Regulatory <br> Consulting <br> segment | Other | Total |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Six months ended <br> June 28, 2014 | $\$ 3,592,833$ | $\$$ | $2,858,181$ | $\$$ | 479,278 | $\$$ | - |
| Net sales | $2,489,165$ | $1,761,715$ | 295,638 | - | $\$, 9,50,292$ |  |  |
| Cost of sales | $1,103,668$ | $1,096,466$ | 183,640 | - | $4,546,518$ |  |  |
| Gross profit |  |  |  |  |  | $2,383,774$ |  |

Operating expenses:

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| Sales and marketing | 434,572 | 550,346 | 51,197 | - | $1,036,115$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| General and <br> administrative | - | - | - | $4,806,309$ | $4,806,309$ |  |
| Loss from investment in <br> affiliate | - | - | - | 21,543 | 21,543 |  |
| Operating expenses | 434,572 | 550,346 | 51,197 | $4,827,852$ | $5,863,967$ |  |
| Operating income (loss) | $\$$ | 669,096 | $\$$ | 546,120 | $\$$ | 132,443 |
| $-14-$ |  |  | $\$$ | $(4,827,852) \$$ | $(3,480,193)$ |  |

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| Six months ended June 29, 2013 | Core Standards and Contract Services segment |  | Ingredients segment |  | Scientific and Regulatory Consulting segment |  | Other |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net sales | \$ | 3,403,758 | \$ | 1,252,128 | \$ | 445,862 | \$ | (60,285 | \$ | 5,041,462 |
| Cost of sales |  | 2,352,210 |  | 776,186 |  | 278,533 |  | 955 |  | 3,407,884 |
| Gross profit (loss) |  | 1,051,547 |  | 475,942 |  | 167,329 |  | (61,240 |  | 1,633,578 |
| Operating expenses: |  |  |  |  |  |  |  |  |  |  |
| Sales and marketing |  | 792,854 |  | 434,370 |  | 2,600 |  | 131,159 |  | 1,360,983 |
| General and administrative |  | - |  | - |  | - |  | 2,702,181 |  | 2,702,181 |
| Operating expenses |  | 792,854 |  | 434,370 |  | 2,600 |  | 2,833,340 |  | 4,063,164 |
| Operating income (loss) | \$ | 258,693 | \$ | 41,572 | \$ | 164,729 | \$ | (2,894,580 | \$ | (2,429,586 |


| At June 28, 2014 | Core Standards and Contract Services segment |  | Ingredients segment |  | cientific and Regulatory Consulting segment |  | Other |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total assets | \$ 3,216,680 | \$ | 3,019,217 | \$ | 171,262 | \$ | 2,471,052 | \$ | 8,878,211 |
| At December 28, 2013 | Core Standards and Contract Services segment |  | Ingredients segment |  | Scientific and Regulatory Consulting segment |  | Other |  | Total |
| Total assets | \$ 2,952,270 | \$ | 1,083,856 | \$ | 139,765 | \$ | 4,811,001 | \$ | 8,986,892 |

Note 10. Commitments and Contingencies
Capitalized Lease Obligation
On March 30, 2014, the Company entered into a financing transaction to purchase laboratory equipment. Under the lease terms, the Company will make monthly future lease payments, including interest, of approximately $\$ 5,000$ for 60 months, for a total payment of approximately $\$ 271,000$. The Company has recorded a capital lease of approximately $\$ 223,000$. The equipment will be utilized in our core standards and contract services segment.
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## Employment Agreement with Troy Rhonemus

On March 6, 2014, the Company entered into an Employment Agreement (the "Rhonemus Agreement") with Mr. Troy Rhonemus pursuant to which Mr. Rhonemus was appointed to serve as the Chief Operating Officer of the Company. The Rhonemus Agreement provides for a base salary of $\$ 180,000$, and provides for an annual cash bonus (based on performance targets) of up to $30 \%$ of his base salary ( $30 \%$ of this salary being the "Maximum Annual Bonus"), and provides for option grants of 250,000 shares of Common Stock. The option grants were awarded on February 21, 2014 at an exercise price of $\$ 1.75$ per share, which vest $33 \%$ one year from the date of grant with the remainder vesting in 24 equal monthly installments thereafter. Upon termination, Mr. Rhonemus will be entitled to any accrued but unpaid base salary and any accrued but unpaid welfare and retirement benefits up to the termination date. In addition, if Mr. Rhonemus leaves the Company for "Good Reason" (as defined in the Rhonemus Agreement), he will also be entitled to severance equal to two weeks of base salary for each full year of service to a maximum of eight weeks of the base salary. In the event the Company terminates Mr. Rhonemus' employment "without Cause," Mr. Rhonemus will be entitled to severance equal to two weeks of base salary for each full year of service to a maximum of eight weeks of the base salary, or, if Mr. Rhonemus enters into a standard separation agreement, Mr. Rhonemus will receive continuation of base salary and health benefits, together with applicable fringe benefits as provided until the expiration of the term or renewal term then in effect, however, that in the case of medical and dental insurance, until the expiration of 12 months from the date of termination.

## Legal Proceedings

The Company from time to time is involved in legal proceedings in the ordinary course of our business, which can include employment claims, product claims and patent infringements. We do not believe that any of these claims and proceedings against us as they arise are likely to have, individually or in the aggregate, a material adverse effect on our financial condition or results of operations.

During the six-month period ended June 28, 2014, the Company settled and paid approximately $\$ 125,000$ to a certain claimant. This payment was recognized in general and administrative expenses in the statements of operations for the six-month period ended June 28, 2014.

Note 11. Subsequent Events
On July 1,2014 , the Company awarded 65,000 shares of common stock with a deemed fair value of $\$ 1.29$ per share to a certain non-employee for services to be provided.

From June 29, 2014 through August 11, 2014, 17,751 of stock options with exercise prices of $\$ 0.50 \sim \$ 0.945$ per share have been exercised and the Company received proceeds of $\$ 13,974$.
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## 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 2014 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-K for the year ending December 28, 2013 and filed with the Commission on March 27, 2014 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 discover, acquire, develop and commercialize proprietary-based ingredient technologies through our business model which utilizes our wholly-owned synergistic business units. These units include the 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. 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. Through our subsidiary Spherix Consulting, Inc., we also provide scientific and regulatory consulting to the clients in the food, supplement and pharmaceutical industries to manage potential health and regulatory risks.

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.
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By curtailing certain expenditures, we anticipate that our current cash and cash generated from operations will be sufficient to meet our projected operating plans through March, 2015. We may, however, seek additional capital prior to March, 2015, both to meet our projected operating plans after March, 2015 and/or to fund our longer term strategic objectives.

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 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 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 look for third party vendors to provide these services. These vendors may not be available, or charge fees that prevent us from pricing competitively within our markets.

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 U.S. Department of Agriculture 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 $\$ 6,930,292$ for the six-month period ended June 28, 2014 as compared to $\$ 5,041,462$ for the six-month period ended June 29,2013 . We incurred a net loss of $\$ 3,501,158$ for the six-month period ended June 28 , 2014 as compared with a net loss of $\$ 2,444,938$ incurred for the six-month period ended June 29, 2013. This equated to a $\$ 0.03$ basic and diluted loss per share for the six-month period ended June 28,2014 as compared with a $\$ 0.03$ basic and diluted loss per share for the six-month period ended June 29, 2013.

Over the next two years, we plan to continue to increase research and development efforts for our line of proprietary ingredients, subject to available financial resources.
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## Net Sales

Net sales consist of gross sales less discounts and returns. Net sales increased by $42 \%$ to $\$ 3,856,154$ for the three-month period ended June 28,2014 as compared to $\$ 2,706,896$ for the three-month period ended June 29, 2013. The core standards and contract services segment generated net sales of $\$ 1,856,950$ for the three-month period ended June 28, 2014. This is an increase of $1 \%$, compared to $\$ 1,830,197$ for three-month period ended June 29 , 2013. The ingredients segment generated net sales of $\$ 1,721,872$ for the three-month period ended June 28 , 2014. This is an increase of $155 \%$, compared to $\$ 674,175$ for the three-month period ended June 29, 2013. This increase was largely due to the sales of our recently launched ingredients, "NIAGEN" and "PURENERGY," which we hardly had any sales in the comparable period in 2013. The scientific and regulatory consulting segment generated net sales of $\$ 277,332$ for the three-month period ended June 28,2014 . This is an increase of $37 \%$, compared to $\$ 202,524$ for the three-month period ended June 29, 2013. There were more consulting projects completed during the three-month period ended June 28, 2014 than during the comparable period in 2013.

For the six-month period ended June 28,2014 , net sales increased by $37 \%$ to $\$ 6,930,292$ as compared to $\$ 5,041,462$ for the six-month period ended June 29, 2013. The core standards and contract services segment generated net sales of $\$ 3,592,833$ for the six-month period ended June 28,2014 . This is an increase of $6 \%$, compared to $\$ 3,403,758$ for the six-month period ended June 29, 2013. This increase was primarily due to increased sales of phytochemical references standards. The ingredients segment generated net sales of $\$ 2,858,181$ for the six-month period ended June 28,2014 . This is an increase of $128 \%$, compared to $\$ 1,252,128$ for the six-month period ended June 29, 2013. The sales of our recently launched ingredients, "NIAGEN" and PURENERGY," were the main reason for this increase in sales. The scientific and regulatory consulting segment generated net sales of $\$ 479,278$ for the six-month period ended June 28,2014 . This is an increase of $7 \%$, compared to $\$ 445,862$ for the six-month period ended June 29 , 2013. There were more consulting projects completed during the six-month period ended June 28, 2014 than during the comparable period in 2013.

## Cost of Sales

Cost of sales include raw materials, labor, overhead, and delivery costs. Cost of sales for the three-month period ended June 28, 2014 was $\$ 2,457,388$ as compared with $\$ 1,746,158$ for the three-month period ended June 29, 2013. As a percentage of net sales, this represented a $1 \%$ decrease for the three-month period ended June 28, 2014 compared to the three-month period ended June 29, 2013. The cost of sales as a percentage of net sales for the core standards and contract services segment for the three-month period ended June 28, 2014 was $70 \%$ compared to $66 \%$ for the three-month period ended June 29, 2013. This percentage increase in cost of sales is largely due to decreased sales in analytical testing and contract services area, which the sales decreased about $15 \%$ compared to the comparable period in 2013. Fixed labor costs make up the majority of costs for analytical testing and contract services and these fixed labor costs did not decrease in proportion to sales. The cost of sales as a percentage of net sales for the ingredients segment for the three-month period ended June 28,2014 was $61 \%$. This percentage was also $61 \%$ for the comparable period in 2013. The cost of sales as a percentage of net sales for the scientific and regulatory consulting segment for the three-month period ended June 28,2014 was $43 \%$ compared to $65 \%$ for the three-month period ended June 29, 2013. The percentage decrease in cost of sales is largely due to increased sales as fixed labor costs make up the majority of costs for the consulting segment.
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Cost of sales for the six-month period ended June 28, 2014 was $\$ 4,546,518$ versus $\$ 3,407,884$ for the six-month period ended June 29, 2013. As a percentage of net sales, this represented $2 \%$ decrease for the six-month period ended June 28, 2014 compared to the six-month period ended June 29, 2013. The cost of sales as a percentage of net sales for the core standards and contract services segment for the six-month period ended June 28, 2014 was $69 \%$. This percentage was also $69 \%$ for the comparable period in 2013. The cost of sales as a percentage of net sales for the ingredients segment for the six-month period ended June 28, 2014 was $62 \%$. This percentage was also $62 \%$ for the comparable period in 2013. The cost of sales as a percentage of net sales for the scientific and regulatory consulting segment for the six-month period ended June 28, 2014 was $62 \%$, compared to $62 \%$ for the six-month period ended June 29, 2013. The cost of sales as a percentage of net sales for the six-month period ended June 28, 2014 did not change much compared to the comparable period in 2013 for each of the business segment, however, the cost of sales as a percentage of net sales decreased overall as our revenue mix changed with increased revenue from ingredients segment.

## 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 increased to $\$ 1,398,766$ for the three-month period ended June 28, 2014 from $\$ 960,738$ for the three-month period ended June 29, 2013. For the core standards and contract services segment, our gross profit decreased $11 \%$ to $\$ 561,420$ for the three-month period ended June 28, 2014 from $\$ 629,527$ for the three-month period ended June 29, 2013. The decreased sale of analytical testing and contract services which resulted in a lower labor utilization rate as well as decreased fixed cost coverage was the main reason for the decrease in gross profit. For the ingredients segment, our gross profit increased to $\$ 678,334$ for the three-month period ended June 28, 2014 from $\$ 260,432$ for the three-month period ended June 29, 2013. The increased sales from the recently launched ingredients, "NIAGEN" and "PURENERGY" was the main reason for the increase in gross profit. For the scientific and regulatory consulting segment, our gross profit increased $125 \%$ to $\$ 159,012$ for the three-month period ended June 28, 2014 from $\$ 70,779$ for the three-month period ended June 29, 2013. The increase in sales which resulted in a higher labor utilization rate was the reason for the increase in gross profit.

Our gross profit increased to $\$ 2,383,774$ for the six-month period ended June 28, 2014 from $\$ 1,633,578$ for the six-month period ended June 29, 2013. For the core standards and contract services segment, our gross profit increased $5 \%$ to $\$ 1,103,668$ for the six-month period ended June 28, 2014 from $\$ 1,051,547$ for the six-month period ended June 29, 2013. The increased sales was the primary reason for the increase in gross profit. For the ingredients segment, our gross profit increased to $\$ 1,096,466$ for the six-month period ended June 28, 2014 from $\$ 475,942$ for the six-month period ended June 29, 2013. The increased sales from the recently launched ingredients, "NIAGEN" and "PURENERGY" was the main reason for the increase in gross profit. For the scientific and regulatory consulting segment, our gross profit increased $10 \%$ to $\$ 183,640$ for the six-month period ended June 28, 2014 from $\$ 167,329$ for the six-month period ended June 29, 2013. The increase in sales which resulted in a higher labor utilization rate was the reason for the increase in gross profit.

Operating Expenses-Sales and Marketing
Sales and Marketing Expenses consist of salaries, advertising and marketing expenses. Sales and marketing expenses for the three-month period ended June 28, 2014 were $\$ 571,548$ as compared to $\$ 631,559$ for the three-month period ended June 29, 2013. For the core standards and contract services segment, sales and marketing expenses for the three-month period ended June 28, 2014 decreased to $\$ 221,797$ as compared to $\$ 407,911$ for the three-month period ended June 29, 2013. This decrease was largely due to operational changes in sales and marketing staff and a decrease in marketing and advertising spend. For the ingredients segment, sales and marketing expenses for the three-month
period ended June 28, 2014 increased to $\$ 310,386$ as compared to $\$ 222,536$ for the three-month period ended June 29, 2013. The increase was largely due to increased marketing efforts for our line of proprietary ingredients. For the scientific and regulatory consulting segment, sales and marketing expenses for the three-month period ended June 28, 2014 were $\$ 39,365$, compared to $\$ 1,112$ for the three-month period ended June 29, 2013.
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Sales and marketing expenses for the six-month period ended June 28,2014 were $\$ 1,036,115$ as compared to $\$ 1,360,983$ for the six-month period ended June 29, 2013. For the core standards and contract services segment, sales and marketing expenses for the six-month period ended June 28, 2014 decreased to $\$ 434,572$ as compared to $\$ 792,854$ for the six-month period ended June 29, 2013. This decrease was largely due to operational changes in sales and marketing staff and a decrease in marketing and advertising spend. For the ingredients segment, sales and marketing expenses for the six-month period ended June 29,2013 increased to $\$ 550,346$ as compared to $\$ 434,370$ for the six-month period ended June 29, 2013. The increase was largely due to increased marketing efforts for our line of proprietary ingredients. For the scientific and regulatory consulting segment, sales and marketing expenses for the six-month period ended June 28,2014 were $\$ 51,197$, compared to $\$ 2,600$ for the six-month period ended June 29 , 2013. Lastly, we incurred $\$ 131,159$ in sales and marketing expenses for our BluScience product line during the six-month period ended June 29, 2013. We did not have such expenses for the comparable period in 2014 as we sold the BluScience product line on March 28, 2013.

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 six-month periods ended June 28,2014 were $\$ 2,468,646$ and $\$ 4,806,309$ compared to $\$ 1,342,280$ and $\$ 2,702,181$ for the three- and six-month periods ended June 29, 2013. One of the factors that contributed to this increase is an increase in share-based compensation. For the three- and six-month periods ended June 28, 2014, our share-based compensation increased to $\$ 1,036,608$ and $\$ 2,036,269$, respectively, compared to $\$ 376,759$ and $\$ 728,349$ for the comparable periods in 2013. During the three- and six-month periods ended June 28, 2014, the Company recognized expenses for the $1,090,000$ shares of restricted stock granted to the Company's officers and members of the board of directors, which resulted in the increase in share-based compensation expense. Another factor that contributed to the increase in general and administrative expenses is an increase in research and development expenses for our line of proprietary ingredients. Our research and development expenses increased to $\$ 122,865$ and $\$ 207,653$ for the three- and six-month periods ended June 28,2014 , as compared to $\$ 29,505$ and $\$ 36,855$ for the three- and six-month periods ended June 29, 2013. Lastly, there was one-time expense of $\$ 125,000$ during the three-month period ended June 28 , 2014, which we have paid as a settlement fee to a certain claimant.

## Non-operating income- Interest Income

Interest income consists of interest earned on money market accounts. Interest income for the three- and six-month periods ended June 28, 2014 was $\$ 305$ and $\$ 945$ as compared to $\$ 296$ and $\$ 500$ for the three- and six-month periods ended June 29, 2013.

## Non-operating Expenses- Interest Expense

Interest expense consists of interest on capital leases. Interest expense for the three- and six-month periods ended June 28,2014 was $\$ 12,019$ and $\$ 21,910$ as compared to $\$ 8,061$ and $\$ 15,852$ for the three- and six-month periods ended June 29, 2013. Interest expense increased as we entered into a new capital lease of approximately $\$ 223,000$ on March 30, 2014.

## Depreciation and Amortization

Depreciation expense for the six-month period ended June 28,2014 , was approximately $\$ 106,832$ as compared to $\$ 134,325$ for the six-month period ended June 29, 2013. 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 six-month period ended June 28,2014 , was approximately $\$ 15,713$ as compared to $\$ 10,621$ for the six-month period ended June 29 ,

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2013. We amortize intangible assets using a straight-line method over 10 years.
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Liquidity and Capital Resources
From inception and through June 28, 2014, we have incurred aggregate losses of approximately $\$ 38$ 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.

Our 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 and service expansion and curtail certain selling, general and administrative expenses. Any inability to raise additional financing would have a material adverse effect on us.

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 March, 2015, we may seek additional capital prior to March, 2015, both to meet our projected operating plans through and after March, 2015 and to fund our longer term strategic objectives. To the extent we are unable to raise additional cash or generate sufficient revenue to meet our projected operating plans prior to March, 2015, we will revise our projected operating plans accordingly.

Net cash used in operating activities
Net cash used in operating activities for the six months ended June 28, 2014 was approximately $\$ 1,948,000$ as compared to approximately $\$ 2,086,000$ for the six months ended June 29,2013 . Along with the net loss, an increase in trade receivables and inventories were the largest uses of cash during the six months ended June 28, 2014. Net cash used in operating activities for the six months ended June 29, 2013 largely reflects a decrease in accounts payable 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 provided by investing activities
Net cash provided by investing activities was approximately $\$ 1,000,000$ for the six months ended June 28, 2014, compared to approximately $\$ 671,000$ for the six months ended June 29, 2013. Net cash provided by investing activities for the six months ended June 28, 2014 mainly consisted of proceeds from the assignment of the Senior Note issued by NeutriSci to an unrelated third party. NeutriSci originally issued the Senior Note to the Company as a part of the consideration for the purchase of the BluScience product line. Net cash provided by investing activities for the six months ended June 29, 2013 mainly consisted of cash consideration received from NeutriSci from the sale of BluScience product line.

Net cash (used in) provided by financing activities
Net cash used in financing activities was approximately $\$ 33,000$ for the six months ended June 28, 2014, compared to approximately $\$ 1,722,000$ provided by for the six months ended June 29, 2013. Net cash used in financing activities

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for the six months ended June 28, 2014 mainly consisted of principal payments on capital leases. Net cash provided by financing activities for the six months ended June 29, 2013 mainly consisted of proceeds from exercise of warrants.
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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 six months ended June 28, 2014, 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 28, 2013 and filed with the Commission on March 27, 2014.

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

Not Applicable

## ITEM 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

Our Chief Executive Officer and Chief Financial Officer have evaluated the effectiveness of our disclosure controls and procedures, as defined in Rules 13a - 15(e) and 15d - 15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), as of the end of the period covered by this quarterly report. They have concluded that, based on such evaluation, our disclosure controls and procedures were effective as of June 28, 2014.

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.

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## PART II - OTHER INFORMATION

## ITEM 1. LEGAL PROCEEDINGS

We are not involved in any legal proceedings which management believes may have a material adverse effect on our business, financial condition, operations, cash flows, or prospects. The Company from time to time is involved in legal proceedings in the ordinary course of our business, which can include employment claims, product claim, patent infringement, etc. We do not believe that any of these claims and proceedings against us as they arise are likely to have, individually or in the aggregate, a material adverse effect on our financial condition or results of operations.

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

On June 11, 2014, we issued 44,605 shares of common stock to a vendor to settle an outstanding payable balance of \$52,188.

On June 18, 2014, we issued unregistered securities as set forth below:

- 82,000 shares of common stock to a vendor in full satisfaction of $\$ 76,306$ in outstanding fees and prepayment of 6 months of $\$ 3,000$ per month monthly retainer fees
- 96,000 shares of common stock to a vendor, of which 90,000 remain unvested as of June 28, 2014
- options to purchase 350,000 shares of common stock at an exercise price of $\$ 1.25$ per share to executive officers, which vest $25 \%$ one year from the date of grant with the remainder vesting in 36 equal monthly installments thereafter
- options to purchase 615,000 shares of common stock at an exercise price of $\$ 1.25$ per share to directors that shall vest in 12 equal monthly installments from the date of grant


## ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None.

## ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

## ITEM 5. OTHER INFORMATION

None.

## ITEM 6. EXHIBITS

Exhibit Description of Exhibits
No.
10.1 Exclusive License Agreement, effective as of May 16, 2014 between Dartmouth College and ChromaDex, Inc. (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
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)
(1)A redacted version of this Exhibit is filed herewith. An un-redacted version of 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.
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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.

Date: August 12, 2014

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

