

Lexaria Bioscience Corp.

06:45 23 Oct 2020

Lexaria Bioscience seeing increased demand for its DehydraTECH drug delivery system

- Novel drug delivery platform DehydraTECH masks unwanted tastes, improves onset speed, increases bioavailability of active ingredients
- Cannabis is the current focus, but company eyeing massive markets such as nicotine and painkillers
- Currently working on using DehydraTECH to deliver antiviral drugs and help in the global fight against coronavirus

What Lexaria Bioscience does:

Lexaria Bioscience Corp (CSE:LXX) (OTCMKTS:LXRP) is a Canadian company with a patented technology that promises to change the way drugs are delivered into the body.

The Kelowna, British Columbia-based company has developed and markets DehydraTECH, which masks unwanted tastes, improves onset speed and increases the bioavailability of active pharmaceutical ingredients in a simple and cost-effective platform.

In 2013, Lexaria's management decided to pivot from oil to cannabis and within a year had acquired the rights to DeydraTECH, which is now the company's main focus.

Essentially, DehydraTECH allows cannabidiol (CBD) and other oils to be dehydrated into an odourless, tasteless powder and mixed with xanthan gum, cornflour and other base ingredients which can then be added to foods, drinks and creams.

It also allows drugs and vitamins - in the case of cannabis, CBD - to enter the bloodstream faster than existing drug delivery platforms.

While cannabis is the main market, Lexaria is developing DehydraTECH for other markets as well, such as nicotine and painkillers called nonsteroidal anti-inflammatory drugs, or NSAIDs for short.

The company is also currently working on using DehydraTECH to deliver antiviral drugs, which could help in the global fight against coronavirus (COVID-19).

How it is doing:

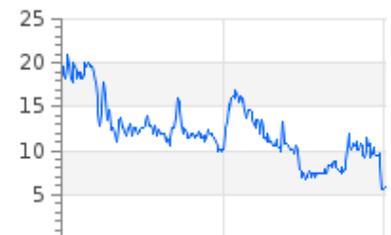
Lexaria is ramping up production of its DehydraTECH-enabled CBD powder, even exceeding its own expectations.

On September 23, the company told investors it had received purchase orders for 4.4 million CBD servings of the powder, but as of October 22, Lexaria had already processed approximately 4.2 million servings and had confirmed purchase orders to process more than 8 million servings during the current quarter. If things go to plan, volume growth is expected to hit 500% over the previous quarter.

Price: 5.78

Market Cap: \$29.5 m

1 Year Share Price Graph



January 2020 July 2020 January 2021

Share Information

Code: LXX

Listing: CSE

52 week High Low
22.5 5.1

Sector: Cannabis

Website: www.lexariabioscience.com

Company Synopsis:

Lexaria Bioscience Corp has developed and out-licenses its disruptive and cost-effective DehydraTECH™ technology that promotes healthier administration methods, lower overall dosing and higher effectiveness of ingestible drugs and other beneficial molecules. Many vitamins, drugs, supplements and other beneficial molecules are lipophilic (i.e.

action@proactiveinvestors.com

Another of Lexaria's more recent major developments is its planned human pilot study to assess the effectiveness of DehydraTECH to enhance the oral bioavailability of antiviral drugs that could be used to treat coronavirus or other infectious diseases.

The company has also announced the launch of a separate rodent antiviral study to evaluate potential pharmacokinetic benefits of DehydraTECH in the delivery of two classes of antiviral drugs being investigated as treatments for COVID-19. Dosing of the rodents has already begun and results are expected in December, the company said.

Lexaria recently won a patent for DehydraTECH that protects the use of the technology together with cannabinoids, nicotine, nonsteroidal anti-inflammatory drugs, or vitamins in mix-and-serve beverage formats.

Previously, the company also revealed that it had successfully processed its first CBD nanoemulsion for one of its licensed clients using DehydraTECH to be incorporated into the client's cold-brewed coffee production and bottling line.

Earlier this year, Lexaria expanded a definitive agreement with cannabis punch and dip producer Cannadips Cannabis to provide DehydraTECH for its California market as well as potential expansions into other US states.

Lexaria's licensing agreement grants Cannadips CBD exclusive rights for the US market for 10 years and a renewal option for an additional 5 years. It also offers an option to expand the licence to Europe, Mexico and/or Canada and contains minimum performance provisions to maintain exclusivity.

Inflection points:

- Developments in using DehydraTECH to fight coronavirus
- Continued expansion of CBD powder processing
- More clients for CBD nanoemulsion

What the boss says:

Lexaria CEO Chris Bunka believes DehydraTECH could play an important role in fighting the coronavirus.

"We are excited at this progress towards our pilot human study using our patented DehydraTECH platform in the delivery of antiviral drugs, and are continuing the process towards regulatory approval so we can advance this important study," CEO Chris Bunka said in a statement in September.

"We are pleased to have started an animal study using DehydraTECH on certain potential COVID-19 drugs under investigation," he said. "Not only will this study help to determine whether DehydraTECH is capable of delivering higher proportionate doses of the antiviral drugs than generic versions of the drugs, but the outcomes should also be beneficial in gaining regulatory approval for the planned human study."

Contact Andrew Kessel at andrew.kessel@proactiveinvestors.com

Follow him on Twitter [@andrew_kessel](https://twitter.com/andrew_kessel)

Proactive Investors facilitate the largest global investor network across 4 continents in 4 languages. With a team of analysts, journalists & professional investors Proactive produce independent coverage on 1000's of companies across every sector for private investors, private client brokers, fund managers and international investor communities.

Contact us +44 (0)207 989 0813 action@proactiveinvestors.com

No investment advice

The Company is a publisher. You understand and agree that no content published on the Site constitutes a recommendation that any particular security, portfolio of securities, transaction, or investment strategy is suitable or advisable for any specific person. You understand that the Content on the Site is provided for information purposes only, and none of the information contained on the Site constitutes an offer, solicitation or recommendation to buy or sell a security. You understand that the Company receives either monetary or securities compensation for our services. We stand to benefit from any volume which any Content on the Site may generate.

You further understand that none of the information providers or their affiliates will advise you personally concerning the nature, potential, advisability, value, suitability or profitability of any particular security, portfolio of securities, transaction, investment, investment strategy, or other matter.

You understand that the Site may contain opinions from time to time with regard to securities mentioned in other products, including Company-related products, and that those opinions may be different from those obtained by using another product related to the Company. You understand and agree that contributors may write about securities in which they or their firms have a position, and that they may trade such securities for their own account. In cases where the position is held at the time of publication and such position is known to the Company, appropriate disclosure is made. However, you understand and agree that at the time of any transaction that you make, one or more contributors may have a position in the securities written about. You understand that price and other data is supplied by sources believed to be reliable, that the calculations herein are made using such data, and that neither such data nor such calculations are guaranteed by these sources, the Company, the information providers or any other person or entity, and may not be complete or accurate.

From time to time, reference may be made in our marketing materials to prior articles and opinions we have published. These references may be selective, may reference only a portion of an article or recommendation, and are likely not to be current. As markets change continuously, previously published information and data may not be current and should not be relied upon.

The Site does not, and is not intended to, provide investment, tax, accounting, legal or insurance advice, and is not and should not be construed as providing any of the foregoing. You should consult an attorney or other relevant professional regarding your specific legal, tax, investment or other needs as tailored to your specific situation.

In exchange for publishing services rendered by the Company on behalf of Lexaria Bioscience Corp. named herein, including the promotion by the Company of Lexaria Bioscience Corp. in any Content on the Site, the Company receives from said issuer annual aggregate cash compensation in the amount up to Twenty Five Thousand dollars (\$25,000).