

Green Organic Dutchman Holdings Ltd.

09:10 09 Sep 2019

Green Organic Dutchman and Caliper Foods report positive study results from water-soluble CBD technology

The Green Organic Dutchman Holdings Ltd (TSE:TGOD) (OTCMKTS:TGODF) and Caliper Foods unveiled positive results Monday from a preliminary human pharmacokinetic study of Caliper CBD, a proprietary water-soluble powder that can be added to food and beverages.

In a statement, TGOD said it will commercialize organic CBD dissolvables in Canada in December through "fast-acting formulations" leveraging the technology with its lineup of organic teas, shots, chewables, and ready-to-drink beverages.

Similarly, in the US, Caliper Foods plans to release Caliper CBD, its own line of precision-dosed CBD dissolvables in the Fall.

READ: High-flying cannabis firm The Green Organic Dutchman applies for Nasdaq listing

"We are delighted with the pharmacokinetic study results as they confirm the enhanced bioavailability and consistent absorption rates of our proprietary ingredient technology, which can infuse both CBD and THC," said Keith Woelfel, director of R&D at Caliper Foods in a statement.

"This study confirms that consumers absorb 4.5 times more CBD with Caliper CBD than with CBD in MCT oil," he added.

Medium chain triglyceride, or MCT oil is most commonly extracted from coconut oil, as more than 50% of the fat in coconut oil comes from MCTs.

Working on next phase of clinical study

"Our R&D team is working closely with TGOD on the next phase of the clinical study, which, if it confirms the pharmacokinetic results in additional product forms, will make Caliper Foods' and TGOD's product suites highly differentiated in terms of substantiated quality," said Woelfel.

For the study, half the participants were administered 30 mg of Caliper Foods' water-soluble CBD powder in 8 ounces of water, while the other half received 30 mg of CBD dispersed in MCT oil. Blood samples were drawn at pre-determined times over six hours.

Early data shows that the group that received Caliper CBD demonstrated faster onset within 15 minutes, with higher concentrations achieved at 15 minutes compared to the maximum concentration achieved at 45 minutes with the CBD in oil formulation, and a 4.5-fold higher observed total bioavailability. The CBD was largely eliminated from the body after about 6 hours for both Caliper CBD and CBD oil subjects, and a more rapid reduction was observed with the Caliper CBD subjects after 45 minutes.

As a follow-up, the companies will now conduct a confirmatory clinical Phase 1A PK study to test the Caliper CBD

Price: 0.34

Market Cap: \$130.78 m

1 Year Share Price Graph



September 2019 March 2020 September 2020

Share Information

Code: TGOD

Listing: TSX

52 week	High	Low
	2.74	0.22

Sector: Cannabis

Website: tgod.ca

Company Synopsis:

The Green Organic Dutchman produces Farm Grown, Pharma Grade Organic Cannabis. The Company grows high quality, organic medical cannabis with sustainable, all natural principles. TGOD's products are laboratory tested to ensure patients have access to a standardized, safe and consistent product.

action@proactiveinvestors.com

technology in TGOD's planned portfolio of products including beverages, teas, infusers, and capsules. The study will be conducted with a top US academic institution.

Provides consistency and precision dosing

Dr Rav Kumar, the Chief Science Officer at TGOD, said the Canadian medical cannabis company was thrilled with the "consistency and precision" of Caliper Foods' technology available in Colorado, which TGOD will commercialize in Canada.

"Based on this early data, Caliper CBD provides a higher and faster absorption level when compared with CBD-infused oil, which opens a number of possibilities for both the medical and adult-use markets," said Dr Kumar.

"Patients and consumers are increasingly informed, and we plan to seize on the market demand for organic CBD and THC-infused products backed by data-driven science and clinical evidence. We are enthusiastically awaiting our clinical Phase 1A PK results in time for Cannabis 2.0 in Canada," he added.

Caliper Foods' technology consists of a suite of zero-calorie, fast-acting, water-soluble solutions that can simply and easily infuse cannabinoids into food and beverages. TGOD has an exclusive deal with Caliper Foods to license Caliper CBD's ingredient technology within Canada, and certain international jurisdictions outside the US.

The Green Organic Dutchman is building over 1.6 million square feet of cultivation and processing facilities across Ontario, Quebec, Jamaica and Denmark, and has a planned capacity of 219,000 kilograms.

It has organic hemp CBD oil operations in Canada, and through its wholly-owned subsidiary, HemPoland distributes premium hemp CBD oil in the European Union.

Contact Uttara Choudhury at uttara@proactiveinvestors.com

Follow her on Twitter: [@UttaraProactive](https://twitter.com/UttaraProactive)

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 Green Organic Dutchman Holdings Ltd. named herein, including the promotion by the Company of Green Organic Dutchman Holdings Ltd. 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).