



## **EnWave Announces Shipment of a Pharmaceutical Radiant Energy Vacuum Freeze-Dryer for Merck**

Vancouver, B.C., September 12, 2018

**EnWave Corporation (TSX-V:ENW | FSE:E4U) ("EnWave", or the "Company" - [http://www.commodity-tv.net/c/search\\_adv/?v=297852](http://www.commodity-tv.net/c/search_adv/?v=297852))** announced today that it has successfully completed Factory Acceptance Testing and has shipped its first 9 kW cGMP Radiant Energy Vacuum ("REV™") pharmaceutical freeze-dryer designed for Merck, known as MSD outside the United States and Canada. The pharmaceutical REV™ machine is designed to meet cGMP standards and to rapidly freeze-dry vials containing pharmaceutical products.

Successful completion of Factory Acceptance Testing demonstrates that REV™ freeze-drying technology met certain throughput and capacity specifications, designated by Merck.

The successful completion of the Factory Acceptance Testing with Merck marks a significant milestone in the scaled-up commercialization of EnWave's proprietary REV™ technology in the pharmaceutical sector. Following installation, the equipment will undergo site acceptance testing prior to potential processing of pharmaceutical products using the technology.

Continuous processing of discrete dosage units of pharmaceutical products is sought by the pharmaceutical industry as it seeks more flexible and adaptable manufacturing processes. REV™ freeze drying provides a potential continuous drying platform to rapidly dry vaccines, monoclonal antibodies, therapeutic proteins, probiotics, enzymes, and small molecule therapeutics.

### **About EnWave**

EnWave Corporation, a Vancouver-based advanced technology company, has developed Radiant Energy Vacuum ("REV™") – an innovative, proprietary method for the precise dehydration of organic materials. EnWave has further developed patent-pending methods for uniformly drying and decontaminating cannabis through the use of REV™ technology, shortening the time from harvest to marketable cannabis products.

REV™ technology's commercial viability has been demonstrated and is growing rapidly across several market verticals in the food, and pharmaceutical sectors including legal cannabis. EnWave's strategy is to sign royalty-bearing commercial licenses with industry leaders in multiple verticals for the use of REV™ technology. The company has signed over twenty royalty-bearing licenses to date, opening up nine distinct market sectors for commercialization of new and innovative products. In addition to these licenses, EnWave has formed a Limited Liability Corporation, NutraDried Food Company, LLC, to develop, manufacture, market and sell all-natural cheese snack products in the United States under the Moon Cheese® brand.

EnWave has introduced REV™ as the new dehydration standard in the food and biological material sectors: faster and cheaper than freeze drying, with better end product quality than air drying or spray drying. EnWave currently has three commercial REV™ platforms:

1. *nutraREV*<sup>®</sup> which is used in the food industry to dry food products quickly and at low-cost, while maintaining high levels of nutrition, taste, texture and colour;
2. *powderREV*<sup>®</sup> which is used for the bulk dehydration of food cultures, probiotics and fine biochemicals such as enzymes below the freezing point, and
3. *quantaREV*<sup>®</sup> which is used for continuous, high-volume low-temperature drying.

An additional platform, *freezeREV*<sup>®</sup>, is being developed as a new method to stabilize and dehydrate biopharmaceuticals such as vaccines and antibodies. More information about EnWave is available at [www.enwave.net](http://www.enwave.net).

**EnWave Corporation**

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