

## PRODUCT SPECIFICATION

### Description

EcovaPure™ HDL<sup>P</sup> is a premium high-density lipopeptide (HDL<sup>P</sup>) concentrate, containing a minimum of 90% high density lipopeptides. Our ahead-of-the-curve EcovaPure™ processing technology produces clean, high-quality egg yolk products efficiently and at lower costs than standard methods. Ecovatec’s processing meets consumer preferences for natural egg proteins and lipids that aren’t contaminated and denatured by harsh solvents. Ecovatec’s HDL<sup>P</sup> is extracted from 100% pasteurized egg yolk from Canadian egg producers, located near quality grain sources.

### Applications

EcovaPure™ HDL<sup>P</sup> is an ideal nutritional supplement ingredient. It can also be used as a healthy fat and protein source in functional foods and cosmetics. Many studies have articulated the benefits of dietary HDL and its ability to support a healthy heart and circulatory system.

### Shipping Information

Source: 100% Pasteurized Canadian Egg Yolk  
 Appearance: Light yellow powder  
 CAS No. None  
 HS Code: 2923.2000

### Specifications

High-Density Lipopeptides > 85 %

Test Items	Specifications	Analytical Values	Method
Appearance/Color	Yellow- light yellow	Passed	Visual
Appearance/Form	Fine Powder	Passed	Visual
Total HDL <sup>P</sup> (protein + fat)	> 85 %	91.2 %	Protein + Fats
Protein	> 40 %	44.5 %	AOAC 990.03
Fats	> 35 %	46.7 %	AOCS 954.02
Moisture	< 5 %	1.7 %	AOAC 935.29
Ash	< 10 %	8.3 %	AOAC 942.05, 923.03
Heavy Metals* - As, Hg, Pb, Cd	NMT 10 ppm	NMT 0.2 ppm	ICPMS
Aerobic Plate Counts	NMT 10,000 cfu/g	380 cfu/g	MFHPB-18
Coliform	Not Detected	Not Detected	MFHPB-34
Salmonella	Not Detected	Not Detected	MFHPB-20
E. coli	Not Detected	Not Detected	MFHPB-34

\* Tests are not conducted per lot.

### Packaging and Storage

Packaging: Available in 500g or 1 kg bags, with multiple bags in a box for larger orders.  
 Storage: Keep cool and dry, no higher than 10°C  
 Expiry: 2 years from manufacturing date\*

\* (from manufacturing date – unopened and stored at recommended specs).

Technology Solutions for **Healthy Living**

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