

PRODUCT SPECIFICATION

Description

EcovaPure™ PL-20H is a hydrolyzed version of EcovaPure™ PL-20, a premium egg yolk phospholipid containing a minimum of 20% phospholipids. The hydrolyzation process modifies the associated lipid/protein structures resulting in increased solubility and miscibility in water, making it a **better emulsifier** than our standard PL-20 product. 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 phospholipids are extracted from 100% pasteurized egg yolk from Canadian egg producers, located near quality grain sources.

Applications

EcovaPure™ PL-20H has a broad range of useful applications. It is used as a food ingredient to not only boost nutritional value but to serve as an emulsifier and binder. It is used in many baked goods, ice cream, and chocolate. EcovaPure™ PL-20H also has applications for nutraceuticals, dietary supplements, as well as cosmetic products. It’s dry powder form makes it easy to use and store.

Shipping Information

Source: 100% Pasteurized Canadian Egg Yolk
 Appearance: Pale-Yellow Powder
 CAS No. 93685-90-6
 HS Code: 2923.20.00
 INCI No: 4649

Specifications

Phospholipids 20%
 Phosphatidylcholine 16.8%
 Phosphatidylethanolamine 2.45%
 Others 0.75%

Test Items	Specifications	Analytical Values	Method
Appearance/Color	Light orange-yellow	Passed	Visual
Appearance/Form	Fine Powder	Passed	Visual
Total PL	> 20 %	20.1%	ICPMS
Moisture	< 5 %	1.6 %	AOAC 935.29
Ash	NMT 10 %	4.8 %	AOAC 942.05
Heavy Metals* - As, Pb, Hg, Cd	NMT 10 ppm	NMT 0.2 ppm	ICPMS
Aerobic Plate Counts	NMT 5,000 cfu/g	NTM 20 cfu/g	MFHPB-18
Coliform	Not Detected	Not Detected	MFHPB-34
Salmonella	Negative	Negative	MFHPB-20
E. coli	Not Detected	Not Detected	MFHPB-34

* Tests are not conducted per lot.

Packaging and Storage

Packaging: 500g or 1 kg bags, boxed together if order exceeds 1 kg.
 Storage: Cool – Dry (no higher than 10° C)
 Expiry: 2 years*

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

Technology Solutions for **Healthy Living**

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