

PRODUCT SPECIFICATION

Description

EcovaPure™ PL-40™ is a premium egg yolk phospholipid concentrate and medium chain triglyceride (MCT) oil mixture, containing a minimum of 40% phospholipids. 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-40™ has a broad range of useful applications. It can be used in cosmetic products to hydrate skin and improve the skin barrier. It can also be used to replace cosmetic emulsifiers which are known to be highly sensitive, as it is gentle on all skin types. It is also often used in nutraceutical lecithin supplements for its high phosphatidylcholine content and impressive health benefits.

Shipping Information

Source: 100% Pasteurized Canadian Egg Yolk
 Appearance: Viscous yellow liquid
 CAS No. 93685-90-6
 HS Code: 2923.20.00

Specifications

Phospholipids 40%
 Phosphatidylcholine 33.6%
 Phosphatidylethanolamine 4.9%
 Others 1.5%
 Medium Chain Triglycerides 20%

Test Items	Specifications	Analytical Values	Method
Appearance/Color	Yellow	Passed	Visual
Appearance/Form	Viscous liquid having characteristic odor	Passed	Visual
Total PL	> 40 %	44.4 %	ICPMS
Loss on Drying	< 10 %	6.8 %	AOAC 935.29
Acid Value*	NMT 20	16.8	AOCS Ca 5a-40
Iodine Value*	65-85	75	AOCS Cd 1d-92
Peroxide Value*	NMT 5.0 meq/kg	0.8 meq/kg	AOCS Cd 8b-90
Heavy Metals*- As, Hg, Pb, Cd	NMT 10 ppm	NMT 10 ppm	ICPMS
Aerobic Plate Counts	NMT 1,000 cfu/g	NTM 300 cfu/g	MFHPB-18
Coliform	Not Detected	Not Detected	MFHPB-34
Salmonella	Not Detected	Not Detected	MFHPB-20

* Tests are not conducted per lot.

Packaging and Storage

Packaging: Available in 1 kg vacuum sealed bags (10 bags per box)

Storage: Keep refrigerated: between 1 and 4°C

Expiry: 1 year from manufacturing date*

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

Technology Solutions for **Healthy Living**

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