

PRODUCT SPECIFICATION

Description

OvaPure™ is Ecovatec’s premium powdered egg oil for cosmetic formulations. The powder form reduces the "egg" smell often associated with egg oil and makes it easy to work with in most formulations. Since it contains the emulsifier characteristics of phospholipids, it dissolves quickly in water, and is extremely stable in both o/w and w/o emulsions. It can also encapsulate water or oil soluble active ingredients in a water-based lotion or cream, delivering them deeper into the skin.

Applications

Due to INCI labelling requirements in some jurisdictions, OvaPure™ often must be separated into its component parts on labels. The INCI Monograph ID numbers are 964, 9720, and 4649 for egg oil (55%), hydrolyzed egg protein (25%), and phospholipids (20%) respectively. Overall, it can be used as a thickener/emulsifier, emollient, texture enhancer, water-binding and skin-replenishing agents and it has anti-inflammatory, antioxidant, and anti-microbial properties.

Shipping Information

Source: 100% Pasteurized Canadian Egg Yolk
 Appearance: Pale-Yellow Powder
 CAS No. 93685-90-6
 HS Code: 2923.20.00.00
 INCI No: 4649

Specifications

Phospholipids 20%
 Phosphatidylcholine 16.8%
 Phosphatidylethanolamine 2.45%
 Others 0.75%
 Hydrolyzed Proteins >20%

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: 20 kg bag
 Storage: Dry, room temperature
 Expiry: 3 years*

* from manufacturing date – unopened and stored at recommended specs, subject to change as shelf life testing is ongoing