

PRODUCT SPECIFICATION

Description

MyCellePro™ is an egg yolk isolate that naturally exists in a micellar form. It can be used in microemulsion technology to encapsulate fat-soluble (water-insoluble) active ingredients and improve their bioavailability in the body. It contains 20% phospholipids, 25% hydrolyzed proteins, and 55% triglycerides with a significant amount of healthy omega 6 and 9 fatty acids, with some omega 3s as well. When delivering nutraceuticals to the body the proteins help ensure the fat-soluble compounds are protected until they arrive at the place of absorption, ensuring optimal active ingredient delivery.

Applications

MyCellePro™ has a broad range of useful applications. As it is not extracted through solvents, it is a fully natural product. It is isolated through mechanical means and has applications in micelle technology in nutraceuticals as well as cosmetic products. In addition to being a bioavailability enhancer, it contains valuable nutrients and allows the microencapsulated active ingredients to be added to baked goods, smoothies, or beverages. Its 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: 2923.20.00.00
 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: 2 years*

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