

PRODUCT SPECIFICATION

Description

EcovaPure™ YPP is a mixture of egg proteins that have been carefully broken down into peptides to preserve their full bioactivity. It has been shown to have excellent anti-oxidant capabilities and it contains roughly 25% phospho peptides and, therefore, has similar benefits. Studies to investigate its potential as a calcium (and iron) absorption enhancer are ongoing. 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. YPP is isolated from 100% pasteurized egg yolk from Canadian egg producers, located near quality grain sources.

Applications

EcovaPure™ YPP has a broad range of useful applications. Egg yolk protein peptides a great source of protein to enrich food products. When combined with calcium and iron supplements, the phospho peptides in YPP dramatically increase the absorption of calcium and iron in the intestines. It also has antioxidant, anti-bacterial, anti-viral, anti-carcinogenic, and anti-inflammatory properties.

YPP can be used as a nutraceutical additive, cosmetic ingredient, functional food, and beverage fortifier. It is also beneficial in sports nutrition, oral, care, and bone health products.

Shipping Information

Source: 100% Pasteurized Canadian Egg Yolk
 Appearance: Off white – light yellow powder
 CAS No. 9008-96-2
 HS Code: 2106.10.00
 INCI No. 9720

Specifications

Protein > 80 %

Test Items	Specifications	Analytical Values	Method
Appearance/Color	Off white – light yellow	Passed	Visual
Appearance/Form	Fine Powder	Passed	Visual
Total Protein	> 80 %	86.6 %	AOAC 990.03
Phosphorous	> 3500 ppm	3,860 ppm	ICPMS
Moisture	< 5 %	4.5 %	AOAC 935.29
Ash	< 10 %	7.4 %	AOAC 942.05, 923.03
Heavy Metals* - As, Hg, Pb, Cd	NMT 10 ppm	NMT 0.3 ppm	ICPMS
Aerobic Plate Counts	NMT 30,000 cfu/g	NMT 5, 800 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: 500g or 1 kg bags, boxed together if order exceeds 1 kg.

Storage: Dry, Room Temperature

Expiry: 2 years*

* (from manufacturing date – unopened and stored at recommended specs; shelf-life studies are on-going).