

PRODUCT SPECIFICATION

Description

EcovaPure™ PVP is a proprietary formulation of phosvitin phosphopeptides. Phosvitin is an incredibly bioactive protein. In peptide form, it exhibits amazing antioxidant, anti-microbial, anti-carcinogenic, and anti-inflammatory properties. It's metal-binding ability is un-paralleled in nature, resulting in a scientifically proven ability to increase the bio-absorption of iron and to increase bone density through conversion of calcium to bone mineral.

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 PVP is isolated from 100% pasteurized egg yolk from Canadian egg producers, located near quality grain sources.

Applications

EcovaPure™ PVP has a broad range of useful applications and is currently being tested for nutraceutical applications in improving the bioavailability of iron and calcium. Phosvitin is the most highly phosphorylated protein found in nature with unique properties and is being investigated in laboratories worldwide. PVP has proven nutraceutical and cosmetic applications, and its uses in pharmaceutical drugs is being researched.

Shipping Information

Source: 100% Pasteurized Canadian Egg Yolk
 Appearance: Off White Fine Powder
 CAS No. 9008-96-2
 HS Code: 2106.10.00

INCI No: 9720

Specifications

Protein > 65 %

Test Items	Specifications	Analytical Values	Method
Appearance/Color	Off-white	Passed	Visual
Appearance/Form	Fine Powder	Passed	Visual
Total Protein	> 65 %	67.2 %	AOAC 990.03
Phosphorous	> 10,000 ppm	18,974 ppm	ICPMS
Moisture	< 7 %	5.4 %	AOAC 935.29
Heavy Metals* - As, Hg, Pb, Cd	NMT 10 ppm	NMT 1 ppm	ICPMS
Aerobic Plate Counts	NMT 10,000 cfu/g	NMT 290 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: 1 g, 10 g, 100 g, or 1 kg sealed bags, boxed together depending on order quantity
 Storage: Dry, Room Temperature
 Expiry: 2 years*

* (from manufacturing date – unopened and stored at recommended specs; shelf-life testing is on-going)