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PRODUCT STANDARD

PRODUCT NAME : **ASTAXANTHIN-P1**(FOOD)

This product is a powder extracted from *Haematococcus pluvialis*. It guarantees a minimum of 1.0 % astaxanthin.

<u>Appearance</u>	Red to dark-red powder with light unique smell.
<u>Astaxanthin (Free)</u>	Min. 1.0 % (Spectrophotometry)
<u>Loss on Drying</u>	Max. 10.0 % (Analysis for Hygienic Chemists, 1g, 105 °C, 2 hr)
<u>Purity Test</u>	
<u>(1) Heavy Metals (as Pb)</u>	Max. 10 ppm (Sodium Sulfide Colorimetric Method)
<u>(2) Arsenic (as As₂O₃)</u>	Max. 1 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
<u>Standard Plate Counts</u>	Max. 1×10 ³ cfu/g (Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Max. 1×10 ² cfu/g (Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative (Analysis for Hygienic Chemists)

<u>Composition</u>	<u>Ingredient</u>	<u>Content</u>
	Triglyceride	14.4 %
	Cyclodextrin	78.0 %
	Haematococcus Extract	5.6 %
	Mixed Tocopherol	2.0 %
	Total	100.0 %

Expiry date 2 years from date of manufacturing.

Storage Store it at a cool (below 5°C), dry place. Filled with nitrogen. Keep it away from high temperature, high moisture and sunlight, and store it in a closed container.

Established Date	May 19, 2006
Revised Date	June 11, 2019
Specification No.	G-911EN