

Certificate of Analysis

Product name: **Astaxanthin Veggie Softgel**

Product Code: **0545**

Batch 2301
 Production date: 01/09/22 Exp date: 01/09/25

Test	Specification	Result	Test protocol
Physical/chemical			
Appearance	Translucent shell, red oil filled capsules	Conforms	Visual Inspection
Odor	Characteristic	Conforms	Visual Inspection
Natural Astaxanthin	≥ 4 mg per capsule	4.4 mg per capsule	Spectrophotometrically against standard (USP cat#1044200) in Acetone (λ_{max} 472 nm) and HPLC.
Microbial			
Total Aerobic Microbial Count	< 10 ³ cfu/g	< 10 cfu/g	IS 885 part 3
Yeast & Mold	< 10 ² cfu/g	< 10 cfu/g	IS 885 part 8
Coliforms	< 10 cfu/g	< 10 cfu/g	IS 885 part 4
E. coli	Absent in 10 g	Absent in 10 g	IS 885 part 12
Salmonella	Absent in 25 g	Absent in 25 g	IS 885 part 7
Heavy metal			
Arsenic	< 1.0 ppm	< 0.1 ppm	EN 15763:2009 ICP-MS
Lead	< 1.0 ppm	< 0.05 ppm	EN 15763:2009 ICP-MS
Mercury	< 0.1 ppm	< 0.005 ppm	EN 15763:2009 ICP-MS
Cadmium	< 1.0 ppm	< 0.01 ppm	EN 15763:2009 ICP-MS

The product has not been irradiated.

The product is free of genetically modified organisms and ingredients (non-GMO)

Shelf life & Recommended Storage: 3 years if packed in suitable containers and stored in a cool dark place ≤ 25°C.
 Cartons should be stored in a cool dark place and contents utilized soon after receipt.

Date: 30/10/22