



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

212 N Jefferson Unit 12A Ava, Mo 65608, USA / Phone: 1-573-465-0612

## ASTAXANTHIN (10%) POWDER- WATER SOLUBLE

CERTIFICATE OF ANALYSIS

LOT: BN202404171/BE

**Manufacture Date:** April 17, 2024

**Expiration Date:** April 16, 2026

**QA Signature:** Steven Konert

Specification	Parameter	Result
Assay	10.0%	10.22%
Appearance	Dark red powder	Complies
Odor & taste	Odorless with slight seaweed flavor.	Complies
Cyst rupture efficiency	90% < Avail.Asta/Total Asta < 100%	94%
Water content in dry biomass	0% < water content 7.0%	2.2%
Heavy metals (as lead)	< 10ppm	Complies
Solubility	Soluble in water, soluble in many of organic solvents.	Complies
Arsenic	< 5.0mg/kg	Complies
Lead	< 10mg/kg	Complies
Mercury	< 1.0mg/kg	Complies
Total Plate Count	< 3*10 <sup>4</sup> CFU per gram	< 30000
Total Coliforms	MPN 30 per 100 gram	< 30
Moulds	< 300CFU	< 100
Salmonella	Absence	Negative
Loss on drying %	≤3.0%	1.26%
Conclusion	Complies with standards	

Shelf life is guaranteed for two years from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Containers that have been opened should be tested at least yearly to ensure potency. Although Bulk Naturals Wholesale LLC. believes the above information to be accurate based on the information available to Bulk Naturals, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to using to verify that the product purchased from Bulk Naturals meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material are subject to Bulk Naturals Wholesale LLC. standard terms and conditions, which supersede any conflicting terms contained on the Buyer's purchase order or any document or instrument supplied by Buyer.