



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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

KELP EXTRACT POLYSACCHARIDE 30% UV

CERTIFICATE OF ANALYSIS

LOT: BN220924/BE

Manufacture Date: February 9, 2022

QA Signature: Steven Konert

Expiration Date: February 8, 2025

Specification	Parameter	Result	Test Method
Content	Polysaccharide≥50%	50.30%	UV USP<857>
Identification	Correspond to standard	Conform	TLC USP<201>
Particle Size	NLT 95% Through 80 mesh	98.13%	Analytical sieving USP <786>
Loss on Drying	NMT 5.0%	3.50%	USP<731>
Total Ash	NMT 5.0%	3.82%	USP <561>
Bulk Density	Between 4-70g/100ml	58.23g/100ml	USP <616> Method I
CHEMICAL CHARACTERISTICS			
Residual Solvent	NMT 5,000 ppm	Conforms	GC USP <467>
Pesticides Residue	Meet the requirements	Conforms	GC USP <561>
Heavy Metals	NMT 10 ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 2 ppm	4.4020ppm	ICP-MS USP <233>
Lead (Pb)	NMT 2 ppm	Not Detected	ICP-MS USP <233>
Cadmium (Cd)	NMT 1 ppm	0.057 ppm	ICP-MS USP <233>
Mercury (Hg)	NMT 1 ppm	0.0083 ppm	ICP-MS USP <233>
Microbiology Control			
Total Plate Count	NMT 10,000 cfu/g	< 100cgu/g	USP<61>
Total Yeast and Mold	NMT 1,000 cfu/g	< 100cgu/g	USP<61>
Escherchia Coli	Not Detected in(g) 10	Not Detected	USP<62>
Salmonella	Not Detected in(g) 25	Not Detected	USP<62>
Staphylococcus Aureus	Not Detected in(g) 10	Not Detected	USP<62>

Shelf life is guaranteed for three 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 the Buyer.