



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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UHMW HYALURONIC ACID POWDER (ULTRA HIGH MOLECULAR WEIGHT)

CERTIFICATE OF ANALYSIS

LOT: BN22032415/BE

Manufacture Date: March 11, 2022

Expiration Date: March 10, 2024

QA Signature: Steven Konert

Specification	Parameters	Result
Appearance	White Free Flowing Powder.	Complies
Sodium Hyaluronate	≥ 95.0%	97.2%
Appearance of Solution	A600nm≤0.01	Complies
Nucleic Acids	A260nm≤0.5	Complies
pH(0.5% ap.sol.,25°C)	5.0-8.5	6.8
Molecular Weight	1.50M-2.00M Da	1.73 Da
Protein	≤0.1%	0.06%
Loss on Drying	≤10.0%	7.0%
Residue on Ignition	≤20.0%	Complies
Chlorides	≤0.5%	Complies
Iron	≤80ppm	Complies
Heavy Metal	≤20ppm	Complies
Arsenic	≤2ppm	Complies
Bacteria Counts	≤100CFU/g	Complies
Molds & Yeast	≤50CFU/g	Complies
Staphylococcus Aureus	Negative/g	Negative
Pseudomonas Aeruginosa	Negative/g	Negative

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 is subject to Bulk Naturals Wholesale LLC. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.