



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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ULMW HYALURONIC ACID POWDER 6000 DALTONS

CERTIFICATE OF ANALYSIS

LOT: BN36725/BE

Manufacture Date: September 3, 2021

Expiration Date: September 3, 2024

QA Signature: Steven Konert

Specification	Parameter	Results
Appearance	White or almost white, very hygroscopic powder .	Complied
Solubility	Soluble in water, insoluble in acetone & anhydrous ethanol.	Complied
Identification	A. Infrared absorption spectrophotometry. B. B.it gives reaction(α) of sodium	Complied
Sodium hyaluronate	≥95%	98.8%
Appearance of Solution	A 600nm ≤0.01	Complied
Nucleic Acids	A 260nm ≤0.5	Complied
pH	5.0-8.5	6.6
Molecular weight	3000-10000 Da	6000 Da
Intrinsic viscosity	Measured value	0.32dL/g
Protein	≤0.1%	0.02%
Loss on drying	≤10.0%	7.0%
Chlorides	≤0.5%	Complied
Iron	≤80ppm	< 80ppm
TAMC	≤100CFU/g	Complied
Staphylococcus aureus	Negative/g	Negative
Pseudomonas aeruginosa	Negative/g	Negative

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 use 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.