



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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

## MMW HYALURONIC ACID POWDER (MIDDLE MOLECULAR WEIGHT)

### CERTIFICATE OF ANALYSIS

LOT: BN230211/BE

**Manufacture Date:** February 11, 2023

**Expiration Date:** February 10, 2025

**QA Signature:** Steven Konert

Specification	Parameter	Result
Appearance	White powder or granules.	Conforms
Glucuronic Acid	≥ 45.0%	47.6%
Sodium Hyaluronate	≥ 93.0%	97.7%
Transparency(0.5% in Water Soln.)	≥ 99.0%	100.0%
pH(0.1% in Water Soln.)	6.0 ~ 7.5	6.3
Limiting Viscosity	17.2 ~ 24.9 dL/g	19.8 dL/g
Molecular Weight	1.1 ~ 1.6 MDa	1.20MDa
Protein	≤ 0.05%	0.031%
Loss on Drying	≤ 10.0%	7.1%
Heavy Metals(as Pb)	≤ 20 ppm	< 10 ppm
Total Bacteria Counts	≤ 100 cfu/g	< 100 cfu/g
Molds & Yeasts	≤ 50 cfu/g	< 50 cfu/g
Staphylococcus Aureus	Negative	Negative
Pseudomonas Aeruginosa	Negative	Negative
Conclusion	This batch conform to the requirements of Cosmetic Grade.	

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 the Buyer.