



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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PURE BIOTIN

CERTIFICATE OF ANALYSIS

LOT: BN202303131/BE

Manufacture Date: Mar 13, 2023

Expiration Date: Mar 12, 2025

QA Signature: Steven Konert

Specification	Parameter	Results
Appearance	White to white-like crystalline powder.	Conform
Content of related substance	Comply with EP5	Conform
Identification	Correspond	Conform
Clear and color	0.01g/ml solution (in 4g/l NaOH) is clear and colorless.	Conform
Heavy metals	≤10ppm	<10ppm
Sulphated ash	≤0.1%	0.05%
Specific Optical Rotation	+89.0o~ +93.0o	+89.2o
Organic volatile impurity	Meets USP requirement	Conform
Assay(Titration,0.1N NaOH)	98.5%~100.5%	99.25%
Loss on Drying	≤0.5%	0.1%
Total Plate Count	<500/g	98/g
Yeast & Molds	<100/g	<20/g
E.Coli	Negative	Conform
Salmonella	Negative	Conform
Conclusion:	Conforms to USP32/EP6	

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 before 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.