



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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PURE BIOTIN

CERTIFICATE OF ANALYSIS

LOT: BN221220/BE

Production Date: December 20, 2022

Expiration Date: December 19, 2024

QA Signature: Steven Konert

Specification	Parameter	Results
Appearance	White to white-like crystalline powder.	Conforms
Identification	Conforms to USP	Conforms
Assay	97.5~102.0%	99.8%
Loss on drying	≤0.2%	0.06%
Melting range(°C)	229°C~232°C	229.7°C~230.8°C
Specific Rotation	+89.0° ~ +93°	≤0.07%
Ash	≤0.1%	Conforms
Solution color and clarity	Solution is clarity and light	1.69 %
Heavy Metals	color ≤10mg/kg	< 10mg/kg
Lead	≤2mg/kg	0.06mg/kg
Arsenic	≤1mg/kg	0.10mg/kg
Single impurities	≤1.0%	0.2%
Total impurities	≤2.0%	0.3%
Total number of colonies	≤1000cfu/g	< 1000cfu/g
Molds and yeast	≤100cfu/g	< 100cfu/g
Diarrheogenic Escherichia coli	Not be detected(1g)	Not detected
Salmonelia	Not be detected (10g)	Not detected
Conclusion:	This batch product conform to current USP.	

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 Buyer.