



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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## NIACINAMIDE (VITAMIN B3) POWDER

### CERTIFICATE OF ANALYSIS

LOT: BN2305021/RM

**Manufacture Date:** May 15,2023

**Expiration Date:** May 14,2026

**QA Signature:** Steven Konert

Specification	Unit	Parameter	Result	Method
Appearance	---	White, crystalline	Eyeballing	White crystalline powder
Solubility	---	Freely soluble in water and alcohol; soluble in glycerin	Weight/volume method	Conform
Ultraviolet absorption	---	0.63 - 0.67 (A245/A262)	UV	0.65
Infrared Identification	---	Conform to Standard	IR	Conform
Assay	%	98.5 - 101.5%	HPLC	100.4
Melting range	°C	128 - 131°C	Melting point apparatus	129.5 - 130.5
Readily carbonizable substances	---	Not deeper than the matching fluid A	Colorimetry	Conform
Loss on Drying	%	≤ 0.5%	Drying method	0.02%
Residue on ignition	%	≤ 0.1%	Combustion method	0.04%
Mercury (Hg)	ppm	≤ 0.1 ppm	AFS	< 0.005
Lead (Pb)	ppm	≤ 2.0 ppm	AAS	< 0.005
Arsenic (As)	ppm	≤ 1.0 ppm	AFS	< 0.005
Cadmium (Cd)	ppm	≤ 1.0ppm	AAS	< 0.005
Total Plate Count	cfu/g	≤ 1.0 <sup>3</sup>	Plating	< 10
Yeast & Molds	cfu/g	≤ 1.0 <sup>2</sup>	Plating	< 10
E. Coli	cfu/g	Negative	Plating	Negative
Salmonella	/25g	Negative	Plating	Negative
Conclusion	Complies with the requirements of USP2021.			
Note	Note: The items marked with * are for internal sampling inspection, in which the results of hazardous elements are from the external inspection report, and the results of other items are from internal inspection.			

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 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.