



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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## NIACINAMIDE (VITAMIN B3) POWDER

### CERTIFICATE OF ANALYSIS

LOT: BN220408/RM

**Manufacture Date:** December 18, 2022

**QA Signature:** Steven Konert

**Expiration Date:** December 17, 2025

Specification	Unit	Parameter	Test Method	Results
Appearance	---	White, crystalline powder	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 spectrum	IR	Conform
Assay	% <sup>°C</sup>	98.5-101.5	HPLC	100.0
Melting range	---	128-131	Melting point	129.5-130.5
Readily carbonizable substances		Not deeper than the Matching fluid	apparatus Colorimetry	Conform
Loss on Drying	%	A ≤0.5	Drying method	0.01
Residue on ignition	%	≤0.1	Combustion method	0.04
Heavy metals(Pb)	ppm	≤20	Colorimetry	<20
Mercury	ppm	≤0.1	AFS	<0.005
Lead	ppm	≤2.0	AFS	<0.05
Arsenic	ppm	≤1.0	AFS	<0.005
Cadmium	ppm	≤1.0	AAS	<0.005
Total Plate Count	cfu/	≤10 <sup>3</sup>	Plating	<10
Yeast & Molds	gcfu/	≤10 <sup>2</sup>	Plating	<10
E. Coli	gcfu/g	Negative	Plating	Negative
Salmonella	/25g	Negative	Plating	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 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.