

## Certificate of Analysis

Product Name:	<b>Nicotinamide (Niacinamide)</b>
CAS #:	<b>98-92-0</b>
Molecular Formula:	<b>C6H6N2O</b>
Molecular Weight:	<b>122.13</b>
Raw Material:	<b>3-Cyanopyridine</b>
Country of Origin:	<b>China</b>
Batch Number:	<b>Varies</b>
Manufacture Date:	<b>Varies</b>
Retest Date:	<b>Varies</b>

### Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Assay	98.5-101.5%	98.55%
Aerobic Plate Count	≤1000 cfu/g	<20 cfu/g
Coliforms	≤100 cfu/g	<20 cfu/g
<i>E. Coli</i>	Negative	Absent
<i>Staph aureus</i>	Negative	Absent
Yeast & Mold	≤100 cfu/g	<20 cfu/g
<i>Salmonella</i>	Negative	Absent
<i>Pseudo. aeruginosa</i>	Negative	Absent
Conclusion (PureBulk):	This product conforms to standards	

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White, crystalline powder	Conforms
Solubility	Freely soluble in water and alcohol; soluble in glycerin	Conforms
Ultraviolet Absorption	0.63-0.67 (A245/A262)	0.65
Infrared Identification	Conform to standard spectrum	Conforms
Melting Range	128-131°C	129.5-130.0°C
Readily Carbonizable Substances	Not deeper than the Matching fluid A	Conforms
Residue on Ignition	≤0.1%	0.04%
Mercury	≤0.1 ppm	<0.005 ppm
Lead	≤2.0 ppm	<0.05 ppm
Arsenic	≤1.0 ppm	<0.005 ppm
Cadmium	≤1.0 ppm	<0.005 ppm
Conclusion (Manufacturer):	This product conforms to USP2021 standards	

<b>Additional Information:</b>	No Animal Testing    Non-Allergen    BSE/TSE Free    Gluten-Free    Vegan
<b>GMO Statement:</b>	Non-GMO
<b>Sterilization Method:</b>	Non-Irradiated
<b>Storage Conditions:</b>	<b>Keep in sealed container under 25°C.</b> <b>Keep away from strong light, heat and moisture.</b>

*Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.*

*Verified By: Candace Gibson / Nicole Rammage*

( This document was produced electronically and is valid without signature. )