



Certificate of Analysis

Product Name: **Nicotinamide (Niacinamide)**
 Country of Origin: **China**
 Batch Number: **17TZR170214**
 Manufacture Date: **February 8, 2017**
 Test Date: **July 24, 2017**
 Retest Date: **February 7, 2020**

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Vitamin B3 (HPLC)	98.5% ~ 101.5%	99.04%
Aerobic Plate Count	≤1000 cfu/g	Not Detected
Yeast & Mold	≤100 cfu/g	Not Detected
Coliforms	≤1000 cfu/g	Not Detected
<i>E. Coli</i>	Negative	Absent
<i>Salmonella</i>	Negative	Absent
<i>Staph aureus</i>	Negative	Absent
<i>Pseudo. aeruginosa</i>	Negative	Absent
Conclusion (PureBulk):	This product conforms to USP 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
Characteristics	White crystalline powder	Conforms
Identification	Positive	Conforms
Melting Range	128 ~ 131°C	129.0 ~ 130.0°C
Loss on Drying	≤0.5%	0.13%
Residue on Ignition	≤0.1%	0.06%
Readily Carbonizable Substances	≤Matching Fluid A	Conforms
Total Heavy Metals	≤10 ppm	<10 ppm
Pb	≤1 ppm	<1 ppm
As	≤1 ppm	<1 ppm
Hg	≤1 ppm	<1 ppm
Cd	≤1 ppm	<1 ppm
Bulk Density	/	0.4864 g/ml
Tap Density	/	0.6208 g/ml
Mesh Size	/	97.5% pass 60 mesh sieve
Conclusion (Manufacturer):	This product conforms to enterprise standards	

Sterilization Method Non-Irradiated/Non-EtO
GMO Statement Non-GMO
Storage Conditions: **Keep in sealed container under 25°C.**
Keep away from strong light, heat and moisture.

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

Verified By: Brenda Bristow / Candace Gibson

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