

Certificate of Analysis

Product Name: **Niacin (Nicotinic Acid)**
 CAS #: **59-67-6**
 Extraction Solvent(s): **None**
 Country of Origin: **India**
 Batch Number: **Varies**
 Manufacture Date: **Varies**
 Retest Date: **Varies**

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Niacin (HPLC)	98-102%	98.72%
Aerobic Plate Count	≤1000 cfu/g	Not Detected
Coliforms	≤100 cfu/g	Not Detected
<i>E. Coli</i>	Negative	Absent
<i>Staph aureus</i>	Negative	Absent
Yeast & Mold	≤100 cfu/g	Not Detected
<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 crystals or crystalline powder.	White crystalline
Odor	Is odorless or has a slight odor	Odorless
Melting Point	Melts at about 235°C	Melting Point 237.9°C
Solubility	Freely soluble in boiling water, in boiling alcohol, and in solutions of alkali hydroxides and carbonates; Sparingly soluble in water; practically insoluble in ether.	Conforms
Identification		
A) Infrared Absorption	Test as per USP	Conforms
B) UV Absorption	Test as per USP	0.48
C) HPLC	Test as per USP	Conforms
Residue on Ignition	≤0.1% w/w	0.030% w/w
Chloride (Cl)	≤200 ppm	<20 ppm
Sulphate	≤200 ppm	<150 ppm
Related Compounds by HPLC		
a) Isonicotinic acid	≤0.05%	Conforms
b) Total specified impurities	≤0.05%	Conforms
c) Any individual unspecified impurities	≤0.05%	Conforms
d) Total impurities	≤0.2%	Conforms
Loss on Drying	≤1.0% w/w	0.095% w/w
Heavy Metals	≤20 ppm	<5 ppm
Sieve Analysis		
Passing through 100 mesh (ASTM)	≥95%	99.60%
Conclusion (Manufacturer):	This product conforms to USP42 standards	

Additional Information: No animal testing || Vegan

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: Candace Gibson

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