

Certificate of Analysis

Product Name: **L-Norvaline**
 Country of Origin: **China**
 Batch Number: **Varies**
 Manufacture Date: **Varies**
 Retest Date: **Varies**

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
L-Norvaline (HPLC)	≥98.5%	100.03%
Arsenic	≤2 ppm	<0.0100 ppm
Cadmium	≤1 ppm	<0.00500 ppm
Lead	≤2 ppm	<0.00500 ppm
Mercury	≤0.1 ppm	<0.00500 ppm
Aerobic Plate Count	≤1000 cfu/g	<10 cfu/g
Yeast & Mold	≤100 cfu/g	<10 cfu/g
Coliforms	≤100 cfu/g	<10 cfu/g
<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 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 to off-white crystalline powder	Conforms
Loss on Drying	≤0.5%	0.10%
Residue on Ignition	≤0.3%	0.14%
Specific Rotation	+23.0° ~ +26.0°C	+24.05°
Conclusion (Manufacturer):	This product conforms to enterprise standards	

Additional Information: Gluten- Free || BSE-TSE Free || Non-Allergen
Sterilization Method: Non-Irradiation
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.)