

Certificate of Analysis

Product Name: **L-Methionine**
 Starting material: **Glucose**
 Country of Origin: **China**
 Batch Number: **Varies**
 Manufacture Date: **Varies**
 Retest Date: **Varies**

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
L-Methionine (HPLC)	≥98.5%	98.91%
Identification (HPLC)	Positive	Positive
Arsenic	≤1 ppm	<0.0100 ppm
Cadmium	≤1 ppm	<0.00500 ppm
Lead	≤3 ppm	<0.00500 ppm
Mercury	≤0.1 ppm	<0.00500 ppm
Aerobic Plate Count	≤1000 cfu/g	<20 cfu/g
Coliforms	Report Only	<20 cfu/g
<i>E. Coli</i>	Negative/10g	Absent
<i>Staph aureus</i>	Negative/10g	Absent
Yeast & Mold	≤100 cfu/g	<20 cfu/g
Salmonella	Negative/10g	Absent
<i>Pseudo. aeruginosa</i>	Negative/10g	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
Specific Rotation	+22.4°~ +24.7°	+23.6°
pH Value	5.6~6.1	5.8
Loss on Drying	≤0.3%	0.16%
Residue on Ignition	≤0.4%	0.17%
Chloride (Cl)	≤0.05%	<0.05%
Sulfate (SO ₄ ⁻²)	≤0.03%	<0.03%
Iron (Fe)	≤0.003%	<0.003%
Conclusion (Manufacturer):	This product conforms to USP38 standards	

Additional Information: Allergen-Free || Vegetarian/Vegan || Gluten Free || BES-TSE Free
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 / Linda Heatley

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