

Certificate of Analysis

Product Name:	L-Arginine Base (Vegan)
CAS#	74-79-3
Starting Material	Glucose
Carrier:	None
Country of Origin:	South Korea
Batch Number:	Varies
Manufacture Date:	Varies
Retest Date:	Varies

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
L-Arginine (HPLC)	≥98.5%	101.51%
Aerobic Plate Count	≤1,000 cfu/g	<20 cfu/g
Coliforms	Negative/g	<20 cfu/g
<i>E. Coli</i>	Negative	Not Detected
<i>Staph aureus</i>	Negative	Not Detected
Yeast & Mold	≤100 cfu/g	<20 cfu/g
Salmonella	Negative	Not Detected
<i>Pseudo. aeruginosa</i>	Negative	Not Detected
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	Conforms
Identification	Conforms to Standard	Conforms
Specific Rotation [D] _D ²⁰	+26.0~ +27.9°	+27.34°
Specific Rotation [D] _D ²⁵	+26.3~ +27.7°	+27.13°
pH	10.5~12.0	11.10
Loss on Drying	≤0.5%	0.18%
Residue on Ignition	≤0.2%	0.04%
Arsenic	≤1.5 ppm	Conforms
Heavy Metals (as Pb)	≤15 ppm	Conforms
Lead	≤5 ppm	Conforms
Iron	≤30 ppm	Conforms
Chloride	≤0.05%	Conforms
Sulfate	≤0.03%	Conforms
Insoluble Foreign Matter	≤5 mm of Fibers	Conforms
	≤5 mg/100g of weight	Conforms
Organic Impurities	≤0.5% (Individual Impurity)	Conforms
	≤2.0% (Total Impurities)	Conforms
Conclusion (Manufacturer):	This product conforms to FCC 11 and USP 42 standards	

Additional Information: BSE/TSE Free || Gluten Free || Vegan || Non-Allergen

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: Linda Heatley / Nicole Rammage

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