Certificate of Analysis

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

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Magnesium Lactate (on dried basis) (Titration)	98-102%	101.22%
Lactic Acid (Titration)	Report Only	70.26%
Magnesium (Mg) (ICP-MS)	Report Only	10.44%
Aerobic Plate Count	≤1000 cfu/g	<20 cfu/g
Coliforms	≤100 cfu/g	<20 cfu/g
E. Coli	Negative	Absent
Staph *aureus*	Negative	Absent
Yeast & Mold	≤100 cfu/g	<20 cfu/g
Salmonella	Negative	Absent
Pseudo. aeruginosa	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 powder	Conforms
Identification	Pass A,B	Conforms
Loss on Drying	14-17%	15.4%
Chloride (Cl)	≤0.02%	<0.02%
Sulfate (SO4)	≤0.04%	<0.04%
Iron (Fe)	≤50 ppm	<50 ppm
Heavy Metals	≤20 ppm	<20 ppm
Lead (Pb)	≤1 ppm	<1 ppm
Arsenic (As)	≤1 ppm	<1 ppm
Mercury (Hg)	≤1 ppm	<1 ppm
Cadmium (Cd)	≤1 ppm	<1 ppm
pH (50mg/ml)	6.5-8.5	7.6
Conclusion (Manufacturer):	This product conforms to EP standards	

Additional Information:	Allergen Free ‖ Melamine Free ‖ Gluten Free ‖ Sugar Free ‖ No Pesticides ‖ BSE/TSE Free ‖ GRAS - Yes ‖ Vegetarian/Vegan ‖ Sewer Sludge Used - No
GMO Statement:	Non-GMO
Composition:	Magnesium L-Lactate Dihydrate 98-102% Loss on Drying 14-17%
Sterilization:	Non-EtO ‖ Non-Irradiation
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.)