



## Certificate of Analysis

**Product Name:** Magnesium Glycinate Chelate Buffered **Lot Number:** 09344201

**Date of Manufacture:** 10-Dec-09 **Expiration Date:** 10-Dec-12

**Country of Origin:** USA **Product Number:** 03451

Analyte	Method	Specification	Result
Magnesium	Albion 3400.52	Not less than 18%	20.38 %
FTIR Spectrum	Albion 3400.36	Pass	Pass
Cadmium	Albion 3400.54	Not more than 0.5 ppm	< 0.1 ppm
Lead	Albion 3400.54	Not more than 1.5 ppm	< 0.1 ppm
Mercury	Albion 3400.54	Not more than 0.1 ppm	< 0.05 ppm
Total Plate Count	BAM 8th Ed.	Not more than 1,000 CFU/g	< 10 CFU/g
Mold & Yeast	BAM 8th Ed.	Not more than 100 CFU/g	< 10 CFU/g
Coliform Count	BAM 8th Ed.	Negative	Negative
E Coli	BAM 8th Ed.	Negative	Negative
Staphylococcus aureus	BAM 8th Ed.	Negative	Negative
Salmonella	BAM 8th Ed.	Negative	Negative
Color	Albion 3400.26	White to off-white	Pass
Scent	Albion 3400.28	Slight to nondescript	Pass
Density	Albion 3400.25	Not less than 0.70 g/cc	0.8 g/cc
Total Nitrogen	Albion 3400.55	8.5 - 10.5%	9.767 %
Moisture	Albion 3400.23	Not more than 7%	5.19 %
pH	Albion 3400.24	10 - 11 (1.0% in distilled water)	10.41

### *This product was formerly known as Magnesium Amino Acid Chelate Buffered*

This is to certify that Lot Number 09344201 was analyzed and released by our Quality Control Department on 12/10/2009 and was found to meet the above specifications on this date. This material is non-GM according to the EU regulation on genetically modified food and feed [Regulation (EC) No. 1829/2003] and on the traceability and labeling of GMOs and of foods derived thereof [Regulation (EC) No. 1830/2003].

This raw material (including all subcomponents such as additives or excipients) has not been subjected to irradiation or ethylene oxide treatment.

Note: <10 CFU/gram results indicate negative growth at 1:10 dilution

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