

**Product Name:** Magnesium Bisglycinate Chelate Buffered SF (Silica Free)

**Product Number:** 03455

**Revision Date:** 22-AUG-2024

GUARANTEED ANALYSIS		
Item Description	Method	Specification
<b>CHEMICAL</b>		
Magnesium	QC WI (Q 100)	Not less than 18 %
Arsenic	QC WI (Q 54)	Not more than 1.50 ppm
Cadmium	QC WI (Q 54)	Not more than 0.50 ppm
Lead	QC WI (Q 54)	Not more than 1.50 ppm
Mercury	QC WI (Q 54)	Not more than 0.10 ppm
Nitrogen	QC WI (Q 93)	8.5 - 10.5 %
<b>TRAACS ID</b>		
FTIR Spectrum	QC WI (Q 36)	Pass
<b>PHYSICAL</b>		
Color	QC WI (Q 26)	White to off-white
Tapped Density	QC WI (Q 25)	Not less than 0.70 g/cc
Loss on Drying	QC WI (Q 23)	Not more than 7.0 %
pH	QC WI (Q 24)	10.0 - 11.0 (1 % in distilled water)
<b>MICROBIOLOGICAL</b>		
Total Aerobic Microbial Count	USP <2021>	Not more than 1,000 CFU/g
Mold and Yeasts Count	USP <2021>	Not more than 100 CFU/g
Enterobacterial Count	USP <2021>	Not more than 100 CFU/g
Staphylococcus aureus	USP <2022>	Absent in 10 g
E. coli	USP <2022>	Absent in 10 g
Salmonella	USP <2022>	Absent in 10 g
B. cereus Qualitative	QC WI (Q 170)	Absent in 10 g
<b>INCOMPATIBILITIES</b>		
Do not use with organic solvents: i.e., acetone, benzene, alcohols.		
<b>INGREDIENTS</b>		
Magnesium bisglycinate chelate (CAS # 14783-68-7), magnesium oxide, citric acid, maltodextrin		

NUTRITIONAL DATA	
Per 100 g	
Calories (kcal)	249
Total Fat (g)	0
Saturated Fat (g)	0
Trans Fat (g)	0
Cholesterol (mg)	0
Sodium (mg)	31
Total Carbohydrates (g)	0
Dietary Fiber (g)	0
Total Sugar (g)	0
Added Sugar (g)	0
Protein (g)	0
Vitamin D (µg)	0
Calcium (mg)	13
Iron (mg)	2
Potassium (mg)	1
Magnesium (mg)	20,000
Moisture (g)	5
Ash (g)	34

The above specifications are subject to change without notice. A Certificate of Analysis is issued for each production lot indicating compliance with the above specification at the time the lot is produced.

The nutritional data presented here is accurate, to the best of our current knowledge. It has been derived from analyzed and calculated values and is based on United States regulatory definitions and extant FDA guidance on the 2016 Final Rule: Revision of the Nutrition and Supplement Facts Labels. This nutritional data is subject to change.

Calcium, iron, potassium, and sodium are not intentionally added to this product in formulation; these minerals are naturally occurring, coinciding with one or more other mineral ingredients that are used in the formulation. Levels of calcium, iron, potassium, and sodium tend to be highly variable, and are frequently below the Limit of Quantitation (LOQ) of the analytical method. The values shown are average results of chemical analysis of randomly sampled lots of finished product. Results are on an 'as-is' basis.

Magnesium Bisglycinate Chelate Buffered SF (Silica Free) has an expiration date of 3 years from the manufacturing date. It is recommended that the product be stored in a cool, dry location.

Albion's products comply with allergen regulations from all major markets including those of the US FDA, the European Commission and Health Canada. An allergen declaration is available on [www.AlbionSIDI.com](http://www.AlbionSIDI.com)

While applicable tariff codes may change from jurisdiction to jurisdiction, some importers have imported this product under the following Tariff Code: 2922.49.8000  
[www.Balchem.com](http://www.Balchem.com)