Specification	DATE:	08.08.2025
Magnesium bisglycinate	TEST METHOD:	EP, USP

Item	**Specification**
Product Description Appearance Applications	Fully reacted magnesium bisglycinate powder in food quality White powder Magnesium source for food supplements and foods for specific consumer groups
Chemical formula	Mg(C2H4NO2)2
CAS no.	1077-28-7
EINECS	238-852-2
Physical properties	
Bulk density Tapped density Loss on drying Particle size	600 - 900 g/l 800 - 1100 g/l ≤17.0% 100% Pass Through 40 mesh (< 425 µm)
Chemical properties	
Assay (anhydrous basis) Content Mg Lead Cadmium Mercury Arsenic	97.5% - 100.5% 11.0% - 12.2% ≤1.0ppm ≤1.0ppm ≤0.1ppm ≤1.0ppm
Microbial properties	
Total aerobic microbial count Total yeast and mould count Total coliforms (absence)	≤1000cfu/g ≤100cfu/g complies
Nutritional Values	typical values per 100g

Energy	**Carbohydrates**	**Sugars**	**Proteins**	**Fat**	**Sat. fatty acids**	**Dietary fibres**	**Salt**
214 kcal	0 g	0 g	0 g	0 g	0 g	0 g	0.02 g

INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER

INGREDIENTS WORLDWIDE

Buckton Scott Deutschland GmbH
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38100 Braunschweig, Germany
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St.-Nr. 14/213/08018
Amtsgericht Braunschweig
HRB 20 33 17

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Storage and Packaging	
Packing Storage conditions Shelf life	Paper bag with PE-inner bag of 25 kg net Keep closed, clean, dry at ambient temperature 3 years from production date (original unopened bag)
Quality and Regulatory	
Production (certified) Packaging Compliance acc. to REACH registration Food & food supplement	ISO 9001, ISO 22000, FSSC 22000 Regulation (EC) No 1935/2004, Art. 3 Not obligatory to registration acc. Regulation (EC) No 1907/2006, Art. 2, pt. 5 Listed in annex II of Directive 2002/46/EC Listed in annex of Regulation (EU) No 609/2013

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