



Specification

Concerning Product:	
Article number	14783687M12
Trade name / designation / denomination	Magnesiumbisglycinat
CAS number	14783-68-7
Other names / synonyms	•bis(glycinato-N,O)magnesium; •magnesium 2-aminoacetate;
EC number	238-852-2
Customs tariff number / CN code / TARIC	29224985
Molecular weight [g / mol]	172.42232
Formula	C ₄ H ₈ MgN ₂ O ₄

Parameter	Specification	Unit
Organoleptic test		
Appearance	fine white to off-white powder	
Physical parameter		
Density	≥ 0,55	g/cm3
Loss on drying	105°C ≤ 8,0	%
pH value	8 – 11	
Solubility	soluble to moderately soluble	
Identity		
Assay	Mg 11,3 – 14	%
Elemental Impurities		
Arsenic (As)	≤ 1,0	ppm
Cadmium (Cd)	≤ 0,5	ppm
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 1,0	ppm
Microbiological data		
Coliform bacteria	≤ 10	CFU/g
Escherichia Coli.	Negative	CFU/g
Salmonella	neg. in 25 g	
Staphylococcus Aureus	Negative	
Total Plate Count	≤ 1000	CFU/g
Yeast and Mould	≤ 100	CFU/g

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 04. Oct. 2021

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