



Spezifikation

Produktbezug:	
Produktnummer	14783687M12
Handelsname / Bezeichnung	Magnesiumbisglycinat
CAS Nummer	14783-68-7
Andere Bezeichnungen / Synonyme	•bis(glycinato-N,O)magnesium; •magnesium 2-aminoacetate;
EG Nummer	238-852-2
Zolltarifnummer / CN-Code	29224985
Molekulargewicht [g/mol]	172.42232
Formel	C ₄ H ₈ MgN ₂ O ₄

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	feines, weißes bis cremefarbenes Pulver	
Physikalische Parameter		
Dichte	≥ 0,55	g/cm ³
Trocknungsverlust	105°C ≤ 8,0	%
pH-Wert	8 – 11	
Löslichkeit	löslich bis mäßig löslich	
Identifikation		
Gehalt	Mg 11,3 – 14	%
Elementare Verunreinigungen		
Arsen (As)	≤ 1,0	ppm
Cadmium (Cd)	≤ 0,5	ppm
Quecksilber (Hg)	≤ 0,1	ppm
Blei (Pb)	≤ 1,0	ppm
Mikrobiologische Daten		
Kolibakterien	≤ 10	CFU/g
Escherichia Coli.	Negative	CFU/g
Salmonellen	neg. in 25 g	
Staphylococcus Aureus	Negative	
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	CFU/g

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 04. Oct. 2021

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