



Spezifikation

Produktbezug:	
Produktnummer	546930MPS
Handelsname / Bezeichnung	Magnesiumcarbonat schwer E504 (ii) EP, USP, FCC
CAS Nummer	546-93-0
Andere Bezeichnungen / Synonyme	•Magnesiumcarbonat; •magnesium carbonate;
EG Nummer	208-915-9
Zolltarifnummer / CN-Code	28369911
Molekulargewicht [g/mol]	84,31
Formel	MgCO ₃ CMgO ₃

Parameter	Specification	Unit
Sensorische Prüfung		
Aussehen der Lösung	entspricht	
Farbe	weiß bis fast weiß	
Physikalische Parameter		
Form (Aggregatzustand)	Pulver	
Trocknungsverlust	≤ 2,0	%
Schüttdichte	0,5 – 0,7	g/ml
Löslichkeit	praktisch unlöslich in Wasser, unlöslich in Alkohol, löslich in verdünnten Säuren mit Schaumbildung	
Identifikation		
Gehalt	MgO: 40,0 – 43,5	%
Verunreinigungen		
Schwermetalle (als Pb)	≤ 10	ppm
Unlösliche Verunreinigungen (in Essigsäure)	≤ 0,05	%
Unlösliche Verunreinigungen in HCl	≤ 0,05	%
Löslicher Anteil	≤ 1,0	%
Sulphat (SO ₄)	≤ 0,6	%
Verunreinigung	CaO: ≤ 0,6	%
Elementare Verunreinigungen		
Arsen (As)	≤ 2	ppm
Calcium (Ca)	≤ 0,45	%
Cadmium (Cd)	≤ 1	ppm
Chloride (Cl)	≤ 700	ppm
Eisen (Fe)	≤ 200	ppm
Quecksilber (Hg)	≤ 0,1	ppm
Blei (Pb)	≤ 2	ppm
Mikrobiologische Daten		
Kolibakterien	neg. ≤ 40	
Escherichia Coli.	neg.	CFU/g
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 25	CFU/g

Zusätzliche Angaben:

Entspricht der Monographie: EP, USP, FCC, E 504(ii)

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 26. Sep. 2024

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