



Spezifikation

Produktbezug:	
Produktnummer	546930MEL
Handelsname / Bezeichnung	Magnesiumcarbonat leicht EP/E 504 (ii)
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	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung		max. B4	
Farbe		weiß bis fast weiß	
Physikalische Parameter			
Form (Aggregatzustand)		Pulver	
Schüttdichte		≤ 150	g/l
Löslichkeit		praktisch unlöslich in Wasser, löslich in verdünnten Säuren mit Schaumbildung	
Identifikation			
Gehalt	EP / E504(ii)	MgO: 40 – 45	%
Identifizierung		entspricht	
Verunreinigungen			
Unlösliche Verunreinigungen	EP	in Essigsäure: ≤ 0,05	%
Unlösliche Verunreinigungen	E504(ii)	in Säure: ≤ 0,05	%
Löslicher Anteil	EP	≤ 1	%
Löslicher Anteil	E504(ii)	in H ₂ O: ≤ 1	%
Sulphat (SO ₄)		≤ 0,3	%
Elementare Verunreinigungen			
Arsen (As)	E504(ii)	≤ 3	ppm
Arsen (As)	EP	≤ 1	ppm
Calcium (Ca)	E504(ii)	≤ 1	%
Calcium (Ca)	EP	≤ 0,75	%
Chloride (Cl)		≤ 700	ppm
Cobalt (Co)		≤ 1	ppm
Eisen (Fe)		≤ 400	ppm
Quecksilber (Hg)		≤ 1	ppm
Nickel (Ni)		≤ 50	ppm
Blei (Pb)		≤ 2	ppm
Vanadium (V)		≤ 5	ppm

Zusätzliche Angaben:

Entspricht der Monographie: EP, E 504(ii)

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 22. Aug. 2023

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