



Spezifikation

Produktbezug:	
Produktnummer	1309484MLE
Handelsname / Bezeichnung	Magnesiumoxide light
CAS Nummer	1309-48-4
Andere Bezeichnungen / Synonyme	•MAGNESIUM OXIDE; •Magnesia grooves; •Magnesia sticks; •Magnesium Oxide, Heavy Powder, USP; •Magnesium Oxide, Light Powder, USP; •Magnesium Oxide, Powder, FCC; •Magnesium Oxide, Powder, Reagent, ACS; •Magnesium Oxide, Powder, Technical; •Magnesium oxide; •Magnesium oxide substrate, 10x10x0.5mm, polished one side, 100 orientation;
EG Nummer	215-171-9
Zolltarifnummer / CN-Code	25199010
Molekulargewicht [g/mol]	40,30
Formel	MgO

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	≤ B2	
Aussehen	rieselfähiges, weißes Pulver	
Physikalische Parameter		
Unlösliche Anteile	in acid ≤ 0,1	%
Unlösliche Anteile	in Säure ≤ 0,1	%
Schüttdichte	≤ 0,15	g/ml
Löslichkeit	Lösliche Salze ≤ 2,0	%
Löslichkeit	unlöslich in Wasser und Alkohol, löslich in verdünnten Mineralsäuren mit Aufbrausen	
Identifikation		
Gehalt	auf gezündeter Basis 98,0 – 100,5	%
Identifizierung	positive	
Verunreinigungen		
Glührückstand	≤ 8,0	%
Sulphat (SO ₄)	≤ 1,0	%
Elementare Verunreinigungen		
Arsen (As)	≤ 4	ppm
Calcium (Ca)	≤ 1,5	%
Chloride (Cl)	≤ 1,15	%
Eisen (Fe)	≤ 0,1	ppm
Mikrobiologische Daten		
Bakterielle Endotoxine	Enterobacteriaceae negativ	
Escherichia Coli.	neg.	CFU/g
Salmonellen	neg.	
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	CFU/g
Partikelgrößenverteilung		
Partikel	(<45 µm) (Nasssieb) ≤ 97,0	%

Zusätzliche Angaben:

Entspricht der Monographie: EP

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Oct. 2021

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