



Spezifikation

Produktbezug:	
Produktnummer	557040VPEUL
Handelsname / Bezeichnung	Magnesiumstearat pflanzlich, EP, USP, FC
CAS Nummer	557-04-0
Andere Bezeichnungen / Synonyme	â€Magnesium distearate, pure; â€Magnesiumdistearat, rein; â€Magnesiumstearat; â€magnesium distearate; â€magnesium octadecanoate;
EG Nummer	209-150-3 209-150-3
Zolltarifnummer / CN-Code	29157050
Molekulargewicht [g/mol]	591,25
Formel	C36H70MgO4

Parameter	Spezifikation	Einheit
Sensorische PrÃ€fung		
Aussehen	weiÃ€es Pulver	
Physikalische Parameter		
SÃ€uregehalt	≤ 2,00	mg KOH/g
SÃ€uregehalt	entspricht	
Trocknungsverlust	(105 Å°C) ≤ 4,00	%
Spezifische OberflÃ€che	1,00 â 4,00	mÃ€²/g
Identifikation		
Gehalt	≥ 95,0	%
Identifizierung	(A, B, C, D) (EP) entspricht	
Schmelzpunkt (IdentitÃ€t)	130,0 â 155,0	Å°C
Verunreinigungen		
Freies Alkali (Ca(OH) ₂)	MgO ≤ 0,10	%
freie FettsÃ€uren	Ã€sÃ€ure ≤ 3,00	
Sulphat (SO ₄)	≤ 1	%
Verunreinigung	SiebrÃ€ckstand (> 200 Mesh) ≤ 1,00	%
Verunreinigung	Unverseifbare Stoffe ≤ 2,00	%
Elementare Verunreinigungen		
Arsen (As)	≤ 3	ppm
Cadmium (Cd)	≤ 1	ppm
Chloride (Cl)	≤ 0,1	%
Quecksilber (Hg)	≤ 1	ppm
Magnesium (Mg)	4,00 â 5,00	%
Magnesium (Mg)	Ø 6,80 â 8,30	%
Nickel (Ni)	≤ 5	ppm
Blei (Pb)	≤ 2	ppm
Organische flÃ€chtige Verunreinigungen		
Org. flÃ€cht. Veru. in Summe	entspricht	
NÃ€hrstoffgehalt		
Fette gesamt	FettsÃ€uregehalt C 16 C 18 90,00 â 100,00	%
Fette gesamt	FettsÃ€uregehalt C 18 40,00 â 100,00	%
Mikrobiologische Daten		
Escherichia Coli.	Negative	/g
Salmonellen	Negative	/10g
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	CFU/g

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Oct. 2021

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