



Spezifikation

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

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	sehr feines, leichtes, weißes Pulver	
Farbe	Weißgrad ≤ 85	
Geruch	geruchlos oder mit einem sehr schwachen Geruch nach Stearinsäure	
Physikalische Parameter		
Säuregehalt	0,1 M HCl oder 0,1 M NaOH $\leq 0,05$	ml
Säuregehalt	Säurezahl: 195 – 210	mg KOH/g
Trocknungsverlust	105 °C ≤ 4	%
Schüttdichte	100 – 300	g/l
Löslichkeit	praktisch unlöslich in Wasser, Ethanol und Ether	
Spezifische Oberfläche	5 – 15	m ² /g
Identifikation		
Gehalt	Mg (auf getrockneter Basis) 4,0 – 5,0	%
Gehalt	MgO 6,8 – 8,3	%
Identifizierung	(A) Gefrierpunkt ≥ 54	°C
Identifizierung	(B) Fettsäuren 195 – 210	mg
Identifizierung	(C) Chromatographie entspricht	
Identifizierung	(D) entspricht	
Verunreinigungen		
Freies Alkali (Ca(OH) ₂)	$\leq 0,1$	%
Schwermetalle (als Pb)	≤ 2	ppm
Sulphat (SO ₄)	$\leq 1,0$	%
Restlösemittel		
Restlösemittel	entspricht	
Elementare Verunreinigungen		
Arsen (As)	≤ 3	ppm
Cadmium (Cd)	≤ 1	ppm
Chloride (Cl)	$\leq 0,1$	%
Quecksilber (Hg)	≤ 1	ppm
Nickel (Ni)	≤ 5	ppm
Mikrobiologische Daten		
Kolibakterien	neg.	/g
Salmonellen	neg.	/g
Gesamtkeimzahl	≤ 1000	CFU/g
Schimmel und Hefe	≤ 100	CFU/g
Partikelgrößenverteilung		
Partikel	< 200 Mesh ≤ 95	%

Chemische Werke Hommel GmbH & Co.KG

Dieses Dokument wurde elektronisch erzeugt und ist ohne Unterschrift gültig.

Waltrop, 30. Sep. 2020

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts of the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.