

QUALITY CERTIFICATE

Product name: MAGNESIUM STEARATE
 Quality: Ph.Eur.10.0.
 Package: 1000 g
 Formula: $C_{36}H_{70}MgO_4$
 Rel. mol. weight: 591,27
 Lot No.: FX3254349
 Manufacturing date: 07.2022.
 Expiry date: 24.07.2027. (DMY)
 Anal. No.: 13445H54349

	REQUIRED	MEASURED
Appearance:	white or almost white, greasy touch light powder	white fatty touching light powder
Identification test 'A'	identical	identical
Identification test 'B'	identical	identical
Identification test 'D'	identical	identical
Solubility	practically insoluble in water and in anhydrous ethanol	practically insoluble in water and in anhydrous ethanol
Assay (Mg)	4,0-5,0 %	4,800 %
Stearic acid	min.40,0 %	40,500 %
Sum of stearic and palmitic acid	min.90,0 %	99,000 %
Alkalinity, acidity	passes test	passes test
Chloride	max.0,1 %	<0,1 %
Sulfate	max.1,0 %	<1,0 %
Cadmium (Cd)	max.3 ppm	<3 ppm
Lead (Pb)	max.10 ppm	<10 ppm
Nickel (Ni)	max.5 ppm	<5 ppm
Loss on drying (105 °C)	max.6,0 %	1,7 %
Total germs	max.1000 CFU/g	<1000 CFU/g
Total combined yeasts/mould count (TYMC)	max.100 CFU/g	<100 CFU/g
Escherichia coli	not detectable	not detectable
Salmonella	not detectable	not detectable
Specific surface area (B.E.T.)	1000-4000 m ² /g	2300 m ² /g
Sieve residue (>200 mesh)	max.1,00 %	0,000 %

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The Product complies with the requirements of Ph.Eur.10.0.

Kiállítva: Halásztelek, 2023.08.30.


Nagy Balázs

minőségbiztosítási vezető

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