

Specification

Magnesia 4269
Magnesium stearate,
vegetable,
EP, USP, FCC, E 470b,
RSPO (MB)
(RSPO membership number
manufacturer:
9-2330-17-000-00
RSPO certificate number
manufacturer:
INTERTEK-RSPO-0078493
RSPO Membership number
Magnesia GmbH:
9-1364-15-000-00)

Article No.:	6426900
Specification Type:	Standard
Version:	1
Issue Date:	30.04.2019

Appearance	very fine, light, white powder
Solubility	practically insoluble in alcohol, water and ether
Mg (on dried basis)	4.0 - 5.0 %
MgO	6.8 - 8.3 %
Identification (A)	min. 54 °C
Identification (B)	195 - 210
Identification (C)	complies
Identification (D)	complies
Acidity / Alkalinity (0.01 M)	max. 0.05 ml
Fatty acids C ₁₆ + C ₁₈	min. 90.0 %
Fatty acids C ₁₈	min. 40.0 %
Cl	max. 0.1 %
SO ₄	max. 1.0 %
Cd	max. 1.0 ppm
Pb	max. 2 ppm
Hg	max. 1.0 ppm
As	max. 3 ppm
Ni	max. 5 ppm
Unsaponifiable substances	max. 2 %

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MAGNESIA GMBH

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Management

Markus Cording, Johann Studtmann
Amtsgericht Lüneburg, HRB 629
USt-IdNr. DE116079431

Commerzbank AG

Lüneburg
IBAN DE05 2404 0000 0436 0707 00
SWIFT-BIC COBADEFF240

Deutsche Bank AG

Lüneburg
IBAN DE92 2407 0075 0033 3310 00
SWIFT-BIC DEUTDE2H240

www.magnesia.de



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Loss on drying (105 °C)	max. 4.0 %
Free alkali	max. 0.1 %
Free fatty acids	max. 3.0 %
Total Plate Count	max. 1000 cfu/g
Yeasts / Moulds	max. 100 cfu/g
Salmonella	negative/g
E. coli	negative/g
Specific surface area	5 - 15 m ² /g
Residual solvents	complies
Particle size (< 200 mesh)	min. 95 %
Bulk density	0.10 - 0.30 g/cm ³
Whiteness	min. 85 %
Molecular weight	591.257 g/mol

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Parameters indicated in this specification are based on our current, carefully determined knowledge. It is the users own responsibility to test and analyze materials and therefore corroborate that products are adequate for their applications.

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