

Specification

Magnesia 4277
Calcium stearate,
EP, USP, E 470a

Article No.:	5427700
Specification Type:	Standard
Version:	1
Issue Date:	18.03.2020

Appearance	fine or bulky, white to white-yellow powder
Solubility	insoluble in water, ether and alcohol
Odour	slightly characteristic
Identification (A)	min. 53 °C
Identification (B)	195 - 210
Identification (C)	complies
Identification (D)	complies
Assay (on anhydrous basis)	min. 95 %
Ca (on dried basis)	6.4 - 7.4 %
Ca (as CaO) (E 470a)	8.5 - 13.0 %
Acidity / Alkalinity (0.01 M)	max. 0.5 ml
Pb	max. 2.0 ppm
Cd	max. 1.0 ppm
Hg	max. 1.0 ppm
As	max. 3.0 ppm
Ni	max. 5 ppm
Cl	max. 0.1 %
SO ₄	max. 0.3 %
Unsaponifiable substances	max. 2.0 %
Free fatty acids	max. 3.0 %
Fatty acids C ₁₈	min. 40.0 %
Fatty acids C ₁₆ + C ₁₈	min. 90.0 %
Free alkali (as NaOH)	max. 0.1 %
Insoluble substances (in alcohol)	max. 0.2 %
Loss on drying (105 °C)	max. 4.0 %
Total Plate Count	max. 1000 cfu/g
Yeasts / Moulds	max. 100 cfu/g
E. coli	negative/g

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Salmonella negative/g

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.