TECHNICAL DATA SHEET(TDS)

Magnesium Stearate, USP/FCC Grade

Product Specifications (CAS# 557-04-0)

Test	Specification	Typical Results
Assay (Mg on Dried Basis)	4.0 - 5.0%	4.82%
Lead	NMT 10 ppm	<10 ppm
Loss on Drying	NMT 4.0%	2.96%
Identification A: Chromatography	To Pass the Test	Pass
Identification B: Reaction of Mg	To Pass the Test	Pass
Sum of Stearic and Palmitic Acid	NLT 90%	97.55%
Sum of Stearic Acid and Palmitic Acid	NLT 40%	41.35%
Acidity or Alkalinity	NMT 0.05 of 0.1M HCL or 0.1M NaOH	Pass
Heavy Metals	NMT 0.005%	<0.004%
Nickel	NMT 5 ppm	<5 ppm
Cadmium	NMT 3 ppm	<3 ppm
Chloride	NMT 0.1%	<0.1%
Sulphate	NMT 1.0%	<1.0%
TYMC	NMT 100 cfu/gm	10 cfu/gm
TAMC	NMT 1000 cfu/gm	50 cfu/gm
E. coli	Absent/gm	Absent
Salmonella	Absent/gm	Absent

Appropriate/legal use of this product is the responsibility of the user.

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