

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Specification Sheet

Product Name: **Magnesium stearate**
 Specifications & Purity: **Pharmaceutical grade (USP/EP/BP/JP/CP)**
 SKU #: **M498313**

Parameter	Limit Values
Appearance(M498313)	white solid
Freezing Point of Fatty Acids	≥53 (°C)
Acid Value of Fatty Acids	98-100 (mgKOH/g)
Fatty Acid GC Retention Time	conforms
ICP: Confirms Magnesium Component	Confirmed
Acidity or Alkalinity(0.1M)	0-0.05 (ml)
Chloride (Cl-)	0-0.1 (%)
Sulphates	0-0.5 (%)
Iron(Fe)	0-0.01 (%)
Heavy Metals (total)	98-100 (ppm)
Lead(Pb)	0-2 (ppm)
Arsenic(As)	0-3 (ppm)
Nickel(Ni)	0-5 (ppm)
Cadmium(Cd)	0-1 (ppm)
Loss on drying(105°C)	0-4 (%)
Magnesium(Mg)	4-5 (%)
Sieve Residue at 200 mesh (75μ)	0-1 (%)
bulk density	140-200 (g/L)
Oxide	6.65-8.3 (%)
Fatty Acid Composition(C18)	≥40 (%)
Fatty Acid Composition(C16 + C18)	≥90 (%)
Residual Solvents	Pass
Total Aerobic Microbial Count	0-1000 (cfu/g)
Yeasts and moulds	≤100 (cfu/g)
Escherichia coli (Absent in 1 g)	Pass
Salmonella (absent in 10 g)	passes test
Specific Surface Area	1-7 (m ² /g)
Particle Size Distribution(typical)D10%	2.5-2.9 (μm)
Particle Size Distribution(typical) D50%	9.0-11.4 (μm)
Particle Size Distribution(typical)D90%	19.8-24.2 (μm)

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Phone: +86 400 620 6333 Email: Sale@aladdin-e.com Web: <https://www.aladdin-e.com>

Tax ID: 91310000685518645K