

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-19 15:34:38
 Date of Next Testing: 2027-08-18 15:34:38
 Product Name: **Magnesium stearate**
 CAS Number: 557-04-0
 Specifications & Purity: USP,EP
 Lot #: H2314248
 SKU #: **M110511**
Analysis: **254438**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Chloride (Cl-)	0-1000 (ppm)	1.06 ppm
acid value(fatty acid)	195-210 (mg/g)	198.60 mg/g
Mg Basis (calc on dry sub.)	4-5 (%)	4.97 %
Loss on drying(105°C)	0-6 (%)	1.16 %
Cadmium(Cd)	0-3 (ppm)	0.24 ppm
Sulfate(SO42-)	0-5000 (ppm)	2.64 ppm
(Pb)Lead	0-10 (ppm)	1.48 ppm
Nickel(Ni)	0-5 (ppm)	0.52 ppm
Stearic Acid(GC)	≥40 (%)	63.09 %
stearic and palmitic acid	90-100 (%)	98.95 %
Appearance (M110511)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Acidity or alkalinity	pass	Pass
Identity	pass	Pass
microbiological impurity	in accordance	in accordance
Residual solvents	complies	complies
Infrared spectrum	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager