

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-18 10:45:22
 Date of Next Testing: 2027-04-18 10:45:22
 Product Name: **Dry mica powder**
 CAS Number: 12001-26-2
 Specifications & Purity: 800目
 Lot #: D2411224
 SKU #: **D302552**
 Version: **2**
 Analysis #: **337905**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Al ₂ O ₃	27-33 (%)	30.99000 %
CaO	< 1 (%)	0.46000 %
K ₂ O	8-11 (%)	10.79000 %
Na ₂ O	0.4-0.7 (%)	0.65300 %
TiO ₂	< 1 (%)	0.75500 %
Particle size	≥ 800 (mesh)	800.00000 mesh
Loose density	0.14-0.28 (g/cm ³)	0.15200 g/cm ³
Hardness (Mohs)	2.5-2.6	2.56000
Oil absorption(g/100g)	40-60	42.58000
Moisture content	0-1(%)	0.52000 %
pH	7-10	7.26000
silica(SiO ₂)	46-51 (%)	46.14300 %
Fe ₂ O ₃	3-5.6 (%)	5.59900 %
MgO	< 2 (%)	1.17900 %
Appearance(D302552)	Silver white powder	Silver white powder



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager