

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-21 15:52:05

Date of Next Testing: 2027-06-20 15:52:05

Product Name: **Phlogopite**

CAS Number: 12001-26-2

Specifications & Purity: technical grade, 200 mesh

Lot #: F2309389

SKU #: **P580753**

Version: **1**

Analysis #: **244161**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
silica(SiO ₂)	58.42-64.56 (%)	61.49000 %
Al ₂ O ₃	32.23-35.63 (%)	33.48000 %
Fe ₂ O ₃	2.18-2.41 (%)	2.29200 %
K ₂ O	4.94-5.46 (%)	5.20400 %
Na ₂ O	1.20-1.33 (%)	1.26300 %
CaO	0.25-0.28 (%)	0.26330 %
MgO	0.33-0.36 (%)	0.34660 %
TiO ₂	1.26-1.39 (%)	1.32500 %
Water by Karl Fischer	0.10-0.11 (%)	0.10630 %
Particle Size(200mesh)	Pass	Pass



John Su
QA & QC Manager