

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-21 14:16:49

Date of Next Testing: 2024-12-10 14:16:49

Product Name: **Maleic anhydride**

CAS Number: 108-31-6

Specifications & Purity: AR, ≥99%(GC)

Lot #: L2220146

SKU #: **M116389**

Version: **2**

Analysis #: **169040**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity	98.5-101.5 (%)	99.90000 %
Ignition Residue (as sulfate)	0-0.01 (%)	0.00320 %
Purity(GC)	99-100 (%)	99.03000 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00160 %
Melting point	52-56 (°C)	55.98000 °C
Appearance (M116389)	White powder, crystals, solid	White powder, crystals, solid
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager