

Certificate of Analysis

Date of Testing: 2023-02-06 12:23:33
Date of Next Testing: 2025-01-26 12:23:33
Product Name: **Maleic acid**
CAS Number: 110-16-7
Specifications & Purity: $\geq 99.0\%$ (HPLC)
Lot #: B2302459
SKU #: **M108864**
Analysis: **035049**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.83 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.50 %
Purity(HPLC)	99-100 (%)	99.05600 %
Ignition Residue	0-0.1 (%)	0.00 %
Melting point	134-138 (°C)	137.92000 °C
Appearance (M108864)	white powder or solid	white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, Clear, 333 mg/ml	pass	Pass



John Su
QA & QC Manager