

Certificate of Analysis

Date of Testing: 2024-09-05 15:49:19
Date of Next Testing: 2026-08-26 15:49:19
Product Name: **Maleic acid**
CAS Number: 110-16-7
Specifications & Purity: $\geq 99.0\%$ (HPLC)
Lot #: C2117042
SKU #: **M108864**
Version: **1**
Analysis #: **407487**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Melting point	134-138 (°C)	136.18000 °C
Water by Karl Fischer	0-2 (%)	1.13 %
Purity(Neutralization titration)	98.5-101.5 (%)	98.89 %
Purity(HPLC)	99-100 (%)	99.14200 %
Ignition Residue	0-0.1 (%)	0.02 %
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