

Certificate of Analysis

Date of Testing: 2022-04-11 16:48:55
Date of Next Testing: 2024-03-31 16:48:55
Product Name: **Maleic acid**
CAS Number: 110-16-7
Specifications & Purity: $\geq 99.0\%$ (HPLC)
Lot #: C2226301
SKU #: **M108864**
Analysis: **074965**

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.39 %
Purity(Neutralization titration)	98.5-101.5 (%)	99.25 %
Ignition Residue	0-0.1 (%)	0.06 %
Purity(HPLC)	99-100 (%)	99.64100 %
Melting point	134-138 (°C)	137.96000 °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