

Certificate of Analysis

Date of Testing: 2022-03-10 16:28:46

Date of Next Testing: 2026-03-09 16:28:46

Product Name: **Itaconic acid**

CAS Number: 97-65-4

Specifications & Purity: >99.0%(T)

Lot #: C2201438

SKU #: **I106139**

Analysis: **064093**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.76200 %
Purity (Titration by NaOH)	99-101 (%)	100.50 %
Melting point	165-169 (°C)	168.99000 °C
Appearance (I106139)	white to off-white crystalline powder	white to off-white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , very faint turbidity	pass	Pass



John Su
QA & QC Manager