

Certificate of Analysis

Date of Testing: 2024-12-03 17:06:04
Date of Next Testing: 2028-12-02 17:06:04
Product Name: **Itaconic acid**
CAS Number: 97-65-4
Specifications & Purity: $\geq 99\%$ (T)
Lot #: L2403012
SKU #: **I106139**
Version: **0**
Analysis #: **437398**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	165-169 (°C)	168.78000 °C
Purity(HPLC)	98-100 (%)	99.25500 %
Purity (Titration by NaOH)	99-101 (%)	99.10 %
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