

Certificate of Analysis

Date of Testing: 2023-07-10 16:02:48
Date of Next Testing: 2027-07-09 16:02:48
Product Name: **Itaconic acid**
CAS Number: 97-65-4
Specifications & Purity: >99.0%(T)
Lot #: G2304525
SKU #: **I106139**
Analysis: **241709**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.91800 %
Purity (Titration by NaOH)	99-101 (%)	99.56 %
Melting point	165-169 (°C)	168.98000 °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