

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-14 14:47:38

Date of Next Testing: 2027-02-13 14:47:38

Product Name: **Itaconic acid**

CAS Number: 97-65-4

Specifications & Purity: $\geq 99\%$ (T)

Lot #: B2309623

SKU #: **I106139**

Version: **0**

Analysis #: **151547**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.63400 %
Purity (Titration by NaOH)	99-101 (%)	99.90000 %
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