

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-11 11:38:32
 Date of Next Testing: 2026-03-10 11:38:32
 Product Name: **Itaconic acid**
 CAS Number: 97-65-4
 Specifications & Purity: $\geq 99\%$ (T)
 Lot #: C2201437
 SKU #: **I106139**
 Version: **0**
 Analysis #: **064093**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.76200 %
Purity (Titration by NaOH)	99-101 (%)	100.50000 %
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