

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-24 13:43:41  
 Date of Next Testing: 2029-09-23 13:43:41  
 Product Name: **Itaconic acid**  
 CAS Number: 97-65-4  
 Specifications & Purity:  $\geq 99\%$ (T)  
 Lot #: I2517571  
 SKU #: **I106139**  
 Version: **0**  
 Analysis #: **570179**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                             | Limit Values                          | Result                                |
|-------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)                                          | 98-100 (%)                            | 99.25000 %                            |
| Purity (Titration by NaOH)                            | 99-101 (%)                            | 99.99600 %                            |
| Melting point                                         | 165-169 (°C)                          | 168.63000 °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 <sub>2</sub> O , very faint turbidity | pass                                  | Pass                                  |



John Su  
 QA & QC Manager