

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-04 14:13:48  
 Date of Next Testing: 2027-07-25 14:13:48  
 Product Name: **Maleic acid**  
 CAS Number: 110-16-7  
 Specifications & Purity:  $\geq 99\%$ (HPLC)  
 Lot #: H2501678  
 SKU #: **M108864**  
 Version: **2**  
 Analysis #: **547727**  
 Storage Temperature: Protected from light, Room temperature, Cool

| Parameter                                                    | Limit Values          | Result                |
|--------------------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                                        | 0-2 (%)               | 0.55790 %             |
| Purity(HPLC)                                                 | 99-100 (%)            | 99.93100 %            |
| Melting point                                                | 134-138 (°C)          | 137.95000 °C          |
| Appearance (M108864)                                         | white powder or solid | white powder or solid |
| Solubility in H <sub>2</sub> O , Colorless, Clear, 333 mg/ml | pass                  | Pass                  |
| Proton NMR spectrum                                          | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager