

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-09 10:22:52

Date of Next Testing: 2028-05-29 10:22:52

Product Name: **Fumaric acid**

CAS Number: 110-17-8

Specifications & Purity:  $\geq 99.5\%$

Lot #: E2628495

SKU #: **F110742**

Version: **1**

Analysis #: **704842**

Storage Temperature: Room temperature

| Parameter            | Limit Values                            | Result                                  |
|----------------------|-----------------------------------------|-----------------------------------------|
| Purity(HPLC)         | 99.5-100 (%)                            | 99.94100 %                              |
| Melting point        | 295-300 (°C)                            | 299.98000 °C                            |
| Appearance (F110742) | White to Almost white powder to crystal | White to Almost white powder to crystal |
| Solubility in MeOH   | almost transparency                     | almost transparency                     |
| Infrared spectrum    | Conforms to Structure                   | Conforms to Structure                   |



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QA & QC Manager