

Certificate of Analysis

Date of Testing: 2024-10-31 15:25:41
Date of Next Testing: 2026-10-21 15:25:41
Product Name: **Fumaric acid**
CAS Number: 110-17-8
Specifications & Purity: $\geq 99.5\%$
Lot #: A2310136
SKU #: **F110742**
Version: **1**
Analysis #: **420867**

| Parameter | Limit Values | Result |
|----------------------|---|---|
| Purity(HPLC) | 99.5-100 (%) | 99.98100 % |
| Melting point | 295-300 (°C) | 299.89000 °C |
| Appearance (F110742) | White to Almost white powder to crystal | White to Almost white powder to crystal |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in MeOH | almost transparency | almost transparency |



John Su
QA & QC Manager