

## Certificate of Analysis

Date of Testing: 2023-01-17 13:21:41  
Date of Next Testing: 2025-01-06 13:21:41  
Product Name: **Fumaric acid**  
CAS Number: 110-17-8  
Specifications & Purity: 99.5%  
Lot #: D2122250  
SKU #: **F110742**  
Analysis: **179712**

Parameter	Limit Values	Result
Purity(HPLC)	99.5-100 (%)	99.97500 %
Melting point	295-300 (°C)	299.94000 °C
Appearance (F110742)	White Powder or Crystalline Powder	White Powder or Crystalline Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su  
QA & QC Manager