

Certificate of Analysis

Date of Testing: 2025-03-12 11:36:32

Date of Next Testing: 2027-03-02 11:36:32

Product Name: **Fumaric acid**

CAS Number: 110-17-8

Specifications & Purity: for cell culture, ≥99%

Lot #: I2110248

SKU #: **F118459**

Version: **0**

Analysis #: **481563**

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	99.85 %
Purity(GC)	99-100 (%)	99.05 %
Appearance (F118459)	White powder	White powder
Cell Culture Test	pass	Pass
Solubility in EtOH	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager