



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-17 13:17:01

Date of Next Testing: 2025-01-06 13:17:01

Product Name: **Fumaric acid**

CAS Number: 110-17-8

Specifications & Purity: $\geq 99\%$

Lot #: D2122249

SKU #: **F110741**

Version: **1**

Analysis #: **179709**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.02300 %
Chloride (Cl-)	0-0.002 (%)	0.00110 %
Heavy metal (as Pb)	0-0.002 (%)	0.00140 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Assay	99-100 (%)	99.30000 %

John Su
QA & QC Manager