

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-11 15:51:50

Date of Next Testing: 2026-04-10 15:51:50

Product Name: **Fumaric acid-¹³C4**

CAS Number: 201595-62-2

Specifications & Purity: ≥ 98 atom%, $\geq 98\%$

Lot #: C2328808

SKU #: **F336547**

Version: **2**

Analysis #: **173458**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.20000 %
Isotopic purity(13C)	98-100 (atom%)	99.00000 atom%
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager