

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-31 17:05:35  
Date of Next Testing: 2027-05-31 17:05:35  
Product Name: **Citric acid-2,4-<sup>13</sup>C<sub>2</sub>**  
CAS Number: 121633-50-9  
Specifications & Purity: 99 atom % <sup>13</sup>C,CP:99%  
Lot #: E2429279  
SKU #: **C339247**  
Version: **1**  
Analysis #: **352664**  
Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.00000 %
Isotopic Purity(atom)	99-100 (%)	99.63000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager