

Certificate of Analysis

Date of Testing: 2023-06-12 14:36:45

Date of Next Testing: 2026-06-11 14:36:45

Product Name: **Citric acid-2,2,4,4-d₄**

CAS Number: 147664-83-3

Specifications & Purity: 98 atom% D, 98% (CP)

Lot #: E2330431

SKU #: **C472124**

Analysis: **216289**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	98-100 (%)	98.00 %
Purity(HPLC area)	98-100 (%)	99.30 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(C472124)	White to Off White Powder	White to Off White Powder

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

John Su
QA & QC Manager