

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-06 16:32:00

Date of Next Testing: 2027-12-06 16:32:00

Product Name: **Tetrahydroxy-1,4-quinone hydrate**

CAS Number: 319-89-1

Specifications & Purity: $\geq 98\%$

Lot #: K2428583

SKU #: **T303427**

Version: **2**

Analysis #: **439376**

Storage Temperature: Store at -20°C, Desiccated

Parameter	Limit Values	Result
Loss on drying	0-18 (%)	1.60 %
Purity(Titration by 0.1M NaOH) (dried basis)	97.5-102.5 (%)	99.50 %
Appearance(T303427)	Purple to black or dark brown powder or crystal or chunk(s)	Purple to black or dark brown powder or crystal or chunk(s)
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager