

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-31 09:58:23

Date of Next Testing: 2027-03-30 09:58:23

Product Name: **Bis(1,3-propanediamine) Copper(II) Dichloride**

CAS Number: 32270-93-2

Specifications & Purity: >98.0%(T)

Lot #: C23151031

SKU #: **B151838**

Analysis: **109641**

Parameter	Limit Values	Result
Assay(Chelometric Titration)	98-102.5 (%)	99.60000 %
Copper	confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(B151838)	Blue to Purple powder to crystal	Blue to Purple powder to crystal

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

John Su
QA & QC Manager