

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-23 19:02:34
 Date of Next Testing: 2029-04-22 19:02:34
 Product Name: **Copper nitrate hydrate**
 CAS Number: 13778-31-9
 Specifications & Purity: PrimorTrace™, ≥99.999% metals basis
 Lot #: D2514004
 SKU #: **C102132**
 Version: **0**
 Analysis #: **296045**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.999-100 (%)	99.99910 %
Copper(Cu)	26.5-27.7 (%)	27.16000 %
Total Metallic Impuritie	0-20 (ppm)	9.00000 ppm
Water by Karl Fischer	17.4-26.4 (%)	22.17000 %
Appearance (C102132)	Blue Crystals	Blue Crystals
ICP: Confirms Cu Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager