

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-05 09:47:01

Date of Next Testing: 2025-07-04 09:47:01

Product Name: **Copper D-gluconate**

CAS Number: 527-09-3

Specifications & Purity: Moligand™, ≥98%

Lot #: F2320125

SKU #: **D133471**

Version: **0**

Analysis #: **114521**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Complexometric titration)(as Cu)	13.7-14.4 (%)	14.10000 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	14-16 (°)	14.50000 °
Melting point	155-157 (°C)	155.80000 °C
ICP: Confirms Copper Component	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (D133471)	Faint Blue to Blue Powder	Faint Blue to Blue Powder



John Su
QA & QC Manager