

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-12 10:38:42
 Date of Next Testing: 2024-08-11 10:38:42
 Product Name: **Copper D-gluconate**
 CAS Number: 527-09-3
 Specifications & Purity: Moligand™, ≥98%
 Lot #: H2209334
 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