

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-13 19:16:06
Date of Next Testing: 2029-10-12 19:16:06
Product Name: **D-Penicillamine**
CAS Number: 52-67-5
Specifications & Purity: Moligand™, ≥98%(T)
Lot #: J2510559
SKU #: **P115952**
Version: **1**
Analysis #: **575969**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
UV Absorbance 268nm (c=0.2, H ₂ O)	0-0.07	0.04
Specific Rotation [α] ₂₀ /D(c=5 in 1 M NaOH)	-65--61 (°)	-61.35°
Sulfate Ash	0-0.1 (%)	0.05 %
Heavy metal (as Pb)	0-20 (ppm)	5.10 ppm
Loss on drying	0-0.5 (%)	0.20 %
Purity(Titration)	98-102 (%)	99.57 %
Appearance (P115952)	White to pale cream powder or solid	White to pale cream powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager