

Certificate of Analysis

Date of Testing: 2024-03-22 14:09:01
Date of Next Testing: 2028-03-21 14:09:01
Product Name: **D-Penicillamine**
CAS Number: 52-67-5
Specifications & Purity: >98.0%(T)
Lot #: C2421053
SKU #: **P115952**
Analysis: **073868**
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°
Purity(Titration)	98-102 (%)	98.94%
Sulfate Ash	0-0.1 (%)	0.03%
Heavy metal (as Pb)	0-20 (ppm)	8.15 ppm
Loss on drying	0-0.5 (%)	0.31%
Appearance (P115952)	White to pale cream powder or solid	White to pale cream powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager