

Certificate of Analysis

Date of Testing: 2025-04-09 14:17:41
Date of Next Testing: 2029-04-08 14:17:41
Product Name: **Quinidine**
CAS Number: 56-54-2
Specifications & Purity: Moligand™, ≥98%, contains 5-15% Dihydroquinidine
Lot #: G2115271
SKU #: **Q109702**
Version: **2**
Analysis #: **491599**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	260-275 (°)	262.50 °
Melting point	169-174 (°C)	173.00000 °C
Sulfate Ash	0-0.1 (%)	0.05 %
Heavy metal (as Pb)	0-10 (ppm)	3.60 ppm
Loss on drying	0-1 (%)	0.25 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.30 %
Dihydroquinidine (NMR)	5-15 (%)	14.90000 %
Appearance (Q109702)	White or off-white powder	White or off-white powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager