

Certificate of Analysis

Date of Testing: 2022-07-21 16:35:44
Date of Next Testing: 2026-07-20 16:35:44
Product Name: **Quinine sulfate dihydrate**
CAS Number: 6119-70-6
Specifications & Purity: 98%
Lot #: G2220405
SKU #: **Q110175**
Analysis: 121129
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	3-5 (%)	3.18 %
Specific Rotation [α] ₂₀ /D(c=2 in 0.1 M HCl)	-245--235 (°)	-235.69 °
Sulfate Ash	0-0.1 (%)	0.05 %
Purity (Titration by NaOH)(anhydrous)	97.5-102.5 (%)	100.05 %
Appearance (Q110175)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager