

Certificate of Analysis

Date of Testing: 2024-07-13 11:40:13
Date of Next Testing: 2028-07-12 11:40:13
Product Name: **Quinine sulfate dihydrate**
CAS Number: 6119-70-6
Specifications & Purity: 98%
Lot #: G2403667
SKU #: **Q110175**
Version: **0**
Analysis #: **335962**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	3-5 (%)	4.28 %
Specific Rotation [a] _D ²⁰ (c=2 in 0.1 M HCl)	-245~-225 (°)	-237.17 °
Sulfate Ash	0-0.1 (%)	0.04 %
Purity (Titration by NaOH)(anhydrous)	97.5-102.5 (%)	98.10 %
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