

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-04-09 10:49:48
Date of Next Testing: 2028-04-08 10:49:48
Product Name: **Quinine sulfate dihydrate**
CAS Number: 6119-70-6
Specifications & Purity: 98%
Lot #: C2425452
SKU #: **Q110175**
Analysis: **343149**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Loss on drying	3-5 (%)	4.84700 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 0.1 \text{ M HCl})$	-245~-225 (°)	-225.20000 °
Sulfate Ash	0-0.1 (%)	0.00000 %
Purity (Titration by NaOH)(anhydrous)	97.5-102.5 (%)	100.25000 %
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