

Certificate of Analysis

Date of Testing: 2024-09-14 11:20:03

Date of Next Testing: 2028-09-13 11:20:03

Product Name: **Quinine hydrochloride dihydrate**

CAS Number: 6119-47-7

Specifications & Purity: 99%

Lot #: K2019156

SKU #: **Q107527**

Version: 0

Analysis #: **411490**

Parameter	Limit Values	Result
Loss on drying(105 °C, 60 Minutes)	0-10 (%)	6.01 %
Specific Rotation [α] ₂₀ /D(c=2 in 0.1 M HCl in calcd.on dried)	-255--245 (°)	-245.09 °
Purity(Nonaqueous Titration)(calcd.on dried substance)	99-101 (%)	99.01 %
Appearance (Q107527)	White to Off-White Powder, Crystals or Granules	White to Off-White Powder, Crystals or Granules
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O	almost transparency	almost transparency



John Su
QA & QC Manager