

Certificate of Analysis

Date of Testing: 2024-11-27 10:18:16
Date of Next Testing: 2028-11-26 10:18:16
Product Name: **Quinidine Sulfate**
CAS Number: 6591-63-5
Specifications & Purity: $\geq 98\%$
Lot #: K2426135
SKU #: **Q109529**
Version: **0**
Analysis #: **120827**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	4.5-5 (%)	4.70 %
Purity(as dry basis) (HPLC)	98-100 (%)	99.84 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in } 10\text{mol/L HCl})$	270-280 ($^{\circ}$)	270.12 $^{\circ}$
Appearance (Q109529)	White or off-white powder	White or off-white powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager