

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-22 15:11:38  
Date of Next Testing: 2026-10-21 15:11:38  
Product Name: **Quinidine Sulfate**  
CAS Number: 6591-63-5  
Specifications & Purity: 98%  
Lot #: J2219385  
SKU #: **Q109529**  
**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 [a] <sub>D</sub> 20/D(c=2 in 10mol/L HCl)	270-280 (°)	270.12 °
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