

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-24 17:11:49
 Date of Next Testing: 2027-05-23 17:11:49
 Product Name: **Quinoline N-Oxide Hydrate**
 CAS Number: 64201-64-5
 Specifications & Purity: $\geq 97\%$
 Lot #: E2320442
 SKU #: **Q160820**
 Version: **1**
 Analysis #: **206288**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-21 (%)	19.41010 %
Purity(Nonaqueous Titration) (calcd.onanh.substance)	95.5-104.5 (%)	99.01000 %
Appearance(Q160820)	White to Brown powder to crystal	White to Brown powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager