

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-07 19:13:36
 Date of Next Testing: 2026-12-06 19:13:36
 Product Name: **Hydroquinine**
 CAS Number: 522-66-7
 Specifications & Purity: $\geq 95\%$ (HPLC), sum of enantiomers
 Lot #: A1921110
 SKU #: **H101601**
 Version: **0**
 Analysis #: **164412**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.36000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$ (dry base)	-148--139 (°)	-145.30000 °
Purity(sum of enantiomers, HPLC)	95-100 (%)	95.24700 %
Appearance (H101601)	White to Off-White to Tan Powder or Crystals	White to Off-White to Tan Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager