

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-06-19 15:28:17
Date of Next Testing:	2027-06-18 15:28:17
Product Name:	Hydroquinine
CAS Number:	522-66-7
Specifications & Purity:	≥95%(HPLC), sum of enantiomers
Lot #:	E1522085
SKU #	H101601
Version	0
Analysis #:	243003
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.56200 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH (dry base)	-148--139 (°)	-147.80000 °
Purity(sum of enantiomers, HPLC)	95-100 (%)	97.22400 %
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