

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

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: $\geq 95.0\%$ (sum of enantiomers, HPLC)
Lot #: D2314062
SKU #: **H101601**
Analysis: **164412**

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