

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-16 13:27:41
Date of Next Testing: 2028-01-06 13:27:41
Product Name: **(S)-BINOL**
CAS Number: 18531-99-2
Specifications & Purity: $\geq 99\%$
Lot #: A2614223
SKU #: **B100620**
Version: **0**
Analysis #: **632229**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	205-211 (°C)	210.85000 °C
Specific Rotation [a] ₂₀ /D(c=1 in THF)	-38--33 (°)	-36.44700 °
Purity(HPLC)	99-100 (%)	99.98000 %
Appearance (B100620)	white to grey powder or crystals	white to grey powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager