

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-29 10:51:01
 Date of Next Testing: 2026-03-28 10:51:01
 Product Name: (S)-2,2,3,3-Tetrahydro-1,1-spirobi[1H-indene]-7,7-diol
 CAS Number: 223259-63-0
 Specifications & Purity: ≥98%
 Lot #: C2315925
 SKU #: S300598
 Version: 1
 Analysis #: 175746
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.68200 %
Melting point	156-160 (°C)	158.03000 °C
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	-30~-24 (°)	-26.20000 °
Appearance(S300598)	White to Orange to Green powder to crystalline	White to Orange to Green powder to crystalline
NMR Spectrum 1H	conforms to structure	Conforms to Structure



John Su
QA & QC Manager