

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-01 14:58:15

Date of Next Testing: 2027-10-31 14:58:15

Product Name: (1S,2S,3R,5S)-(+)-Pinanediol

CAS Number: 18680-27-8

Specifications & Purity: ≥99%

Lot #: J2330509

SKU #: S102632

Version: 0

Analysis #: 163403

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	52-60 (°C)	58.83000 °C
Specific Rotation [α] ₂₀ /D(c=6.5 in Toluene)	7-10 (°)	8.70100 °
Purity(GC)	99-100 (%)	99.29200 %
Enantiometric Excess	98.5-100 (%)	99.50000 %
Appearance (S102632)	white to beige powder or crystals	white to beige powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager