

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-20 13:07:42
Date of Next Testing: 2028-08-19 13:07:42
Product Name: **(1S,2S,3R,5S)-(+)-Pinanediol**
CAS Number: 18680-27-8
Specifications & Purity: 99%
Lot #: 11212065
SKU #: **S102632**
Version: **0**
Analysis #: **387952**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	52-60 (°C)	56.38000 °C
Enantiometric Excess	98.5-100 (%)	99.93%
Purity(GC)	99-100 (%)	99.19%
Specific Rotation [α] ₂₀ /D(c=6.5 in Toluene)	7-10 (°)	9.65 °
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