

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-10 11:16:55
 Date of Next Testing: 2027-05-31 11:16:55
 Product Name: **β-Pinene**
 CAS Number: 18172-67-3
 Specifications & Purity: analytical standard, ≥99%
 Lot #: A2213316
 SKU #: **P108923**
 Version: **0**
 Analysis #: **520913**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=Neat)	-23--19 (°)	-19.20000 °
Purity(sum of enantiomers)(GC)	99-100 (%)	99.20000 %
Density (20°C)	0.868-0.874	0.86800
Refractive index n _{20/D}	1.475-1.48	1.47800
Appearance (P108923)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager