

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-30 14:57:22

Date of Next Testing: 2026-08-20 14:57:22

Product Name: **β-Pinene**

CAS Number: 18172-67-3

Specifications & Purity: analytical standard, ≥99%

Lot #: J2211510

SKU #: **P108923**

Version: **0**

Analysis #: **383687**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Density (20°C)	0.868-0.874	0.86900
Refractive index n ₂₀ /D	1.475-1.48	1.48000
Purity(sum of enantiomers)(GC)	99-100 (%)	99.01500%
Specific Rotation [α] ₂₀ /D(c=Neat)	-23--19 (°)	-19.05000°
Appearance (P108923)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager