

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-19 15:59:05

Date of Next Testing: 2026-09-09 15:59:05

Product Name: **β-Pinene**

CAS Number: 18172-67-3

Specifications & Purity: ≥97%

Lot #: I2406376

SKU #: **P684622**

Version: **1**

Analysis #: **413463**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Density (20°C)	0.868-0.874	0.87380
Specific Rotation [α] _{20/D} (c=Neat)	-23~-19 (°)	-19.10000 °
Purity(GC)(sum of enantiomers)	97-100 (%)	97.11100 %
Refractive index n _{20/D}	1.475-1.48	1.47890
Appearance(P684622)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager