

Certificate of Analysis

Date of Testing: 2022-12-08 20:11:22

Date of Next Testing: 2024-12-07 20:11:22

Product Name: **α -Pinene**

CAS Number: 80-56-8

Specifications & Purity: 98%

Lot #: L2206835

SKU # **P137373**

Analysis: 159385

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.13%
Specific Rotation [a] _D 20/D(c=Neat)	-0.2-0.2 (°)	0.11°
Appearance (P137373)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager