

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-19 16:07:16

Date of Next Testing: 2028-06-18 16:07:16

Product Name: **Pine oil**

CAS Number: 8002-09-3

Specifications & Purity: Nature

Lot #: F2517411

SKU #: **P304671**

Version: **1**

Analysis #: **521516**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.18710 %
Refractive index n ₂₀ /D	1.4640-1.4850	1.48300
Distillation range(190°C-225°C)	≥90.0 (%)	97.84025 %
Specific gravity (20/20°C)	0.860-0.925	0.92500
Terpene alcohols(Dehydration)	≥85.0 (%)	86.00000 %
Appearance(P304671)	colorless to light yellow liquid	Colorless to light yellow liquid



John Su
QA & QC Manager