

## Certificate of Analysis

Date of Testing: 2023-05-11 09:41:38

Date of Next Testing: 2025-05-10 09:41:38

Product Name:  **$\alpha$ -Pinene**

CAS Number: 80-56-8

Specifications & Purity: 98%

Lot #: D2325223

SKU #: **P137373**

Analysis: **047176**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.33%
Specific Rotation [a] <sub>D</sub> 20/D(c=Neat)	-0.2-0.2 (°)	-0.06 °
Appearance (P137373)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager