

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	34836
<b>Lot Number</b>	002344-2802
<b>Product</b>	<b><math>\alpha</math>-Pinene</b> ( $\pm$ )-2-Pinene 2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene
<b>CAS Number</b>	80-56-8
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>16</sub>
<b>Molecular Weight</b>	136.24

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<b>Appearance</b>	Colorless liquid
<b>Odor</b>	Fresh, piney odor
<b>Flash Point</b>	32 °C
<b>Specific Gravity</b>	0.8567 at 25 °C
<b>Refractive Index</b>	n <sub>20</sub> /D 1.4659
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>25</sup> = -27.68 °
<b>Purity by GC</b>	98.14%
<b>GCMS</b>	Conforms to standard
<b>Grade</b>	Natural, FG, KOSHER, FEMA 2902
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager