

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	37430
Lot Number	003550-2024183
Product	(S)-(-)-Limonene (S)-(-)-4-Isopropenyl-1-methylcyclohexene (-)-p-Mentha-1,8-diene
CAS Number	5989-54-8
Molecular Formula	C ₁₀ H ₁₆
Molecular Weight	136.23

Appearance	Slight yellow and transparent
Odor	Orange like odor
Boiling point	175 °C
Density	0.8435 g/cm ³ at 20 °C
Specific Gravity	0.8451 at 20 °C
Refractive Index	n _{20/D} 1.4726
Optical Rotation	[α] _D ²⁰ = -95.55 °C
Related Substances	1-8 Cineol : 1.06% p- Cyemene : 1.56%
Purity by GC	95.36%
Storage	Store at RT
Additional Information	Taste : Pleasant taste
Remarks	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