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Certificate of Analysis

Catalogue Number	34966
Lot Number	000873-5304
Product	Terpineol, mixture of isomers
CAS Number	8000-41-7
Molecular Formula	C ₁₀ H ₁₈ O
Molecular Weight	154.25

Appearance	Colorless viscous liquid
Solubility	Colorless to light yellow (1.25 mL in 10mL 50% Ethanol) Colorless to light yellow (2.5 mL in 10 mL 60% Ethanol) Colorless to light yellow (5 mL in 10 mL 70% Ethanol)
Solubility (Turbidity)	Clear to slightly hazy (1.25 mL in 10 mL 50% Ethanol) Clear to slightly hazy (2.5 mL in 10 mL 60% Ethanol) Clear to slightly hazy (5 mL in 10 mL 70% Ethanol)
Specific Gravity	0.935 at 25 °C
Refractive Index	n ₂₀ /D 1.4840
Cation	Arsenic (As) : < 1 ppm Cadmium (Cd) : < 1 ppm Mercury (Hg) : < 1 ppm Lead (Pb) : < 1 ppm
Infrared Spectrum	Conforms to structure
Related Substances	Alpha-Terpineol : 81.2% Gamma-Terpineol : 11.9% Trans-Beta-Terpineol : 1.3% Cis-Beta-Terpineol : 0.9% Delta-Terpineol : 0.5%
Purity by GC	95.8%
Grade	KOSHER
Storage	Store at RT

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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