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## Typical Product Specifications & Properties

# alpha-Phellandrene

CAS Number: : 99-83-2

Specifications	Limits
Density	0.850
Tenacity	2 hrs. on blotter
Specific gravity	0.83500 to 0.86500 @ 25.00 °C
Pounds/Gallon	6.948 to 7.198
Vapor Pressure	1.860000 mm/Hg @ 25.00 °C
Odor	Citrus, terpenic, slightly green, black pepper-like
Boiling Point	175.00 to 176.00 °C. @ 760.00 mm Hg
Boiling Point	93.00 to 94.00 °C. @ 50.00 mm Hg
Taste	Terpenic, citrus lime with a fresh green note
Appearance	colorless to pale yellow clear liquid
Assay	95.00 to 100.00 %
Refractive Index	1.47100 to 1.47700 @ 20.00 °C



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Specifications	Limits
Optical Rotation	-80.00 to -120.00
Flash Point	117.00 °F.TCC
logP (o/w)	4.43
Odor Type	terpenic
Insolubility	in water
Molecular weight	136.24
Color	colorless to pale yellow mobile oil or liquid
Solubility	alcohol, ether



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