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Typical Product Specifications & Properties

alpha-ionone

CAS Number: : 127-41-3

Specifications	Limits
Density	0.930
Slightly Soluble	in water
Tenacity	48 hrs. on blotter
Appearance	colorless to pale yellow clear liquid
Boiling Point	131.00 °C. @ 13.00 mm Hg
Flash Point	> 230.00 °F.TCC
logP (o/w)	3.86
Specific gravity	0.92700 to 0.93500 @ 25.00 °C
Odor	sweet woody floral violet orris tropical fruity
Assay	85.00 to 100.00 % sum of isomers
Additional Assay Information	min 95% sum of isomers
Pounds/Gallon	7.714 to 7.780



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Specifications	Limits
Refractive Index	1.49900 to 1.50400 @ 20.00 °C
Boiling Point	237.00 to 238.00 °C. @ 760.00 mm Hg
Vapor Pressure	0.014400 mm/Hg @ 25.00 °C
Vapor Density	7
Shelf Life	24 month(s) or longer if stored properly
Storage	refrigerate in tightly sealed containers
Odor Type	floral
Insolubility	in glycerin
Molecular weight	192.33
Color	colorless to pale yellow oil
Solubility	alcohol, fixed oils, propylene glycol



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