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Typical Product Specifications & Properties

Citral

CAS Number: : 5392-40-5


Specifications	Limits
Density	0.891-0.987 (15 c)
Tenacity	24 hrs. on blotter
Appearance	colorless to pale yellow clear liquid
Specific gravity	0.88500 to 0.89100 @ 25.00 °C
Boiling Point	228.00 to 229.00 °C. @ 760.00 mm Hg
Boiling Point	103.00 to 104.00 °C. @ 12.00 mm Hg
Acid Value	3.00 max. KOH/g
Flash Point	195.00 °F.TCC
Shelf Life	24 month(s) or longer if stored properly
Odor	Fresh, juicy, lemon peel, with a sweet tangy green nuance
Vapor Pressure	0.200000 mm/Hg @ 20.00 °C
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light





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Specifications	Limits
Assay	96.00 to 100.00 % sum of isomers
Refractive Index	1.48600 to 1.49000 @ 20.00 °C
logP (o/w)	3.45
Odor Type	citrus
Taste	Lemon peel, citrus, juicy, green, lime, woody and herbal
Pounds/Gallon	7.364 to 7.414
Vapor Density	5.2
Insolubility	in water
Molecular weight	152.24
Solubility	oxygenated solvs., glycerin, propylene glycol, min.oil, fixed oils, 95 alcohol
Chemical Structure	 <p>parchem fine & specialty chemicals</p>



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