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Typical Product Specifications & Properties

Alpha Methyl Cinnamic Aldehyde

CAS Number: : 101-39-3

Specifications	Limits
Density	1.037
Appearance	pale yellow to yellow clear liquid
Specific gravity	1.03200 to 1.04000 @ 25.00 °C
Refractive Index	1.60200 to 1.60700 @ 20.00 °C
Boiling Point	137.00 to 138.00 °C. @ 22.00 mm Hg
logP (o/w)	2.68
Shelf Life	24 month(s) or longer if stored properly
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Odor Type	spicy
Taste	Spice, cinnamon, sweet, woody with a slight pungent and hot bite
Assay	95.00 to 100.00 %
Pounds/Gallon	8.587 to 8.654



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Specifications	Limits
Boiling Point	148.00 to 149.00 °C. @ 27.00 mm Hg
Acid Value	5.00 max. KOH/g
Vapor Pressure	0.017100 mm/Hg @ 25.00 °C
Flash Point	175.00 °F.TCC
Storage	store under nitrogen
Odor	Spice, cinnamon, sweet, with warm balsamic nuances
Insolubility	in glycerin
Molecular weight	146.19
Solubility	fixed oils, propylene glycol



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