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## Typical Product Specifications & Properties

# alpha-hexyl cinnamaldehyde

CAS Number: : 101-86-0

Specifications	Limits
Density	0.95
Assay	95.00 to 100.00 %
Pounds/Gallon	7.913 to 7.980
Boiling Point	174.00 to 176.00 °C. @ 15.00 mm Hg
Specific gravity	0.95100 to 0.95900 @ 25.00 °C
Boiling Point	140.00 to 142.00 °C. @ 3.00 mm Hg
Flash Point	200.00 °F.TCC
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Appearance	pale yellow to yellow clear liquid to solid
Refractive Index	1.54700 to 1.55200 @ 20.00 °C
Acid Value	2.00 max. KOH/g
logP (o/w)	5.33



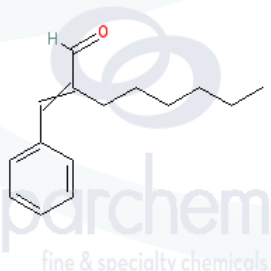
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Specifications	Limits
Odor Type	floral
Vapor Pressure	0.000697 mm/Hg @ 25.00 °C
Shelf Life	12 month(s) or longer if stored properly
Storage	store under nitrogen
Odor	Sweet, floral, green, citrus and fruity with powdery tropical spicy notes
Taste	Sweet, waxy, floral, green, citrus and fruity nuances
Melting Point	4 c
Chemical Structure	
Molecular weight	216.33
Insolubility	in glycerol, propylene glycol
Solubility	most fixed oils, min. oil



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