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Typical Product Specifications & Properties

nonanal

CAS Number: : 124-19-6

Specifications	Limits
Density	0.823 (204 c)
Acid Value	10.00 max. KOH/g
logP (o/w)	3.46
Shelf Life	12 month(s) or longer if stored properly
Storage	store under nitrogen
Odor Type	aldehydic
Appearance	colorless to pale yellow clear liquid
Assay	92.00 to 100.00 %
Additional Assay Information	2-methyloctanal: 4% - 8%
Specific gravity	0.81900 to 0.82700 @ 25.00 °C
Pounds/Gallon	6.815 to 6.881
Refractive Index	1.42100 to 1.42600 @ 20.00 °C



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Specifications	Limits
Boiling Point	92.00 to 93.00 °C. @ 22.00 mm Hg
Boiling Point	191.00 to 193.00 °C. @ 760.00 mm Hg
Vapor Pressure	0.532000 mm/Hg @ 25.00 °C
Flash Point	160.00 °F.TCC
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Odor	Waxy, aldehydic, citrus, fresh slightly green lemon peel nuance, cucumber fattiness
Taste	Effervescent, aldehydic citrus, cucumber melon rindy, raw potato oily nutty coconut nuances
Insolubility	in water, glycerin
Molecular weight	142.24
Color	colorless to light yellow liquid
Solubility	alcohol, fixed oils, propylene glycol
Chemical Structure	 Chemical structure of Decanal (C₁₀H₂₀O) is shown.



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