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Typical Product Specifications & Properties

decanoic acid

CAS Number: : 334-48-5

Specifications	Limits
Density	0.8858 (40 c)
Boiling Point	268.00 to 270.00 °C. @ 760.00 mm Hg
Boiling Point	151.00 to 152.00 °C. @ 10.00 mm Hg
Vapor Density	5.9
Flash Point	> 230.00 °F.TCC
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
Melting Point	27.00 to 32.00 °C. @ 760.00 mm Hg
Odor	unpleasant rancid sour fatty citrus
logP (o/w)	4.09
Odor Type	fatty
Appearance	white crystalline solid



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Specifications	Limits
Assay	98.00 to 100.00 %
Vapor Pressure	15.000000 mm/Hg @ 160.00 °C
Refractive Index	1.4288 (40 c)
Insolubility	in water
Acid Number	320-330
Molecular weight	172.27
Solubility	org. solvs. incl. ethanol, alkalis
Chemical Structure	



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