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Typical Product Specifications & Properties

valeric acid

CAS Number: : 109-52-4

Specifications	Limits
Density	0.940 (204 c)
Moderately Soluble	d. acidic
Assay	99.00 to 100.00 %
Specific gravity	0.93500 to 0.94000 @ 25.00 °C
Pounds/Gallon	7.780 to 7.822
Boiling Point	184.00 to 186.00 °C. @ 760.00 mm Hg
Vapor Pressure	0.452000 mm/Hg @ 25.00 °C
Flash Point	192.00 °F.TCC
logP (o/w)	1.31
Taste	Acidic, dairy-like with milky and cheese nuances
Melting Point	-35.00 to -34.00 °C. @ 760.00 mm Hg
Vapor Density	3.5



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Specifications	Limits
Appearance	colorless to pale yellow clear liquid
Boiling Point	112.00 to 113.00 °C. @ 50.00 mm Hg
Odor Type	cheesy
Refractive Index	1.40500 to 1.41400 @ 25.00 °C
Odor	Acidic and sharp, cheese-like, sour milky, tobacco, with fruity nuances
Molecular weight	102.14
Color	colorless mobile liquid
Solubility	water, alcohol, chloroform, ether, oxygenated solvs.
Chemical Structure	



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