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Typical Product Specifications & Properties

propionic acid

CAS Number: : 79-09-4

Specifications	Limits
Density	0.998 (154 c)
Surface Tension	n 27.21 dynescm (15 c)
Viscosity	1.020 cp (15 c)
Specific gravity	0.99500 @ 25.00 °C
Refractive Index	1.38600 @ 20.00 °C
Vapor Density	2.56
Shelf Life	12.00 month(s) or longer if stored properly
Assay	99.00 to 100.00 %
Boiling Point	140.00 to 141.00 °C. @ 760.00 mm Hg
Flash Point	129.00 °F.TCC
logP (o/w)	0.19
Storage	refrigerate in tightly sealed containers



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Specifications	Limits
Appearance	colorless to pale yellow clear liquid
Melting Point	-24.00 to -23.00 °C. @ 760.00 mm Hg
Boiling Point	70.00 to 71.00 °C. @ 50.00 mm Hg
Vapor Pressure	4.227000 mm/Hg @ 25.00 °C
Odor Type	acidic
Odor	Pungent acidic and dairy-like
Taste	Acidic, dairy with a pronounced fruity lift
Molecular weight	74.09
Chemical Structure	



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