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Typical Product Specifications & Properties

2-mercaptopropionic acid

CAS Number: : 79-42-5

Specifications	Limits
Density	1.196
Appearance	colorless to pale yellow clear oily liquid
Assay	96.00 to 100.00 %
Specific gravity	1.19200 to 1.20000 @ 25.00 °C
Taste	Meaty, sulfurous, brothy, brown
Pounds/Gallon	9.919 to 9.985
Refractive Index	1.47900 to 1.48400 @ 20.00 °C
Melting Point	10.00 to 14.00 °C. @ 760.00 mm Hg
Boiling Point	117.00 °C. @ 16.00 mm Hg
Boiling Point	98.00 to 99.00 °C. @ 14.00 mm Hg
Vapor Pressure	0.103000 mm/Hg @ 25.00 °C
Vapor Density	3.6



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Specifications	Limits
Flash Point	190.00 °F.TCC
logP (o/w)	0.44
Odor Type	sulfurous
Odor	Sulfury, meaty savory, brown with roasted brown nuances
Molecular weight	106.16
Color	colorless to pale-yellow oily liquid
Chemical Structure	 <chem>CC(C)C(S)C(=O)O</chem>



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