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Typical Product Specifications & Properties

3-mercapto-2-butanone

CAS Number: : 40789-98-8

Specifications	Limits
Slightly Soluble	in water
Assay	99.00 to 100.00 %
Specific gravity	1.13000 to 1.14500 @ 25.00 °C
Pounds/Gallon	9.403 to 9.528
Refractive Index	1.46900 to 1.47900 @ 20.00 °C
Boiling Point	46.00 to 70.00 °C. @ 15.00 mm Hg
Boiling Point	50.00 °C. @ 18.00 mm Hg
Flash Point	117.00 °F.TCC
logP (o/w)	0.67
Odor Type	sulfurous
Odor	Meaty, roasted beef, sulfurous, fried onion, with nuances of coffee and chocolate
Taste	Roasted meat, sulfurous, alliaceous, nuances of cabbage, coffee, pot roast, fatty drippings



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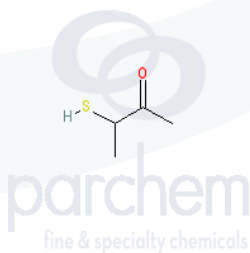


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Specifications	Limits
Appearance	colorless to pale yellow cloudy clear liquid
Vapor Pressure	6.250000 mm/Hg @ 25.00 °C
Molecular weight	104.17
Color	colorless to pale yellow
Solubility	most org. solvs.
Chemical Structure	



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