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Typical Product Specifications & Properties

phenyl mercaptan

CAS Number: : 108-98-5

Specifications	Limits
Density	1.0728 (254 c)
Very Soluble	in alcohol
Assay	97.00 to 100.00 %
Specific gravity	1.07300 to 1.08000 @ 25.00 °C
Pounds/Gallon	8.928 to 8.987
Refractive Index	1.58900 to 1.59300 @ 20.00 °C
Melting Point	-15.00 °C. @ 760.00 mm Hg
Boiling Point	169.00 °C. @ 760.00 mm Hg
Boiling Point	46.40 °C. @ 10.00 mm Hg
Vapor Density	3.8
logP (o/w)	2.33
Odor Type	meaty



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Specifications	Limits
Odor	Meaty, phenolic, sulfuraceous, with a rubbery allicious backnote
Taste	Meaty, phenolic, with a burnt rubber sulfureous nuance
Vapor Pressure	2.073000 mm/Hg @ 25.00 °C
Flash Point	123.00 °F.TCC
Appearance	colorless to pale yellow clear liquid
Insolubility	in water
Molecular weight	110.04
Solubility	oxygenated and aromatic solvs.
Chemical Structure	



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