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Typical Product Specifications & Properties

dimethyl trisulfide

CAS Number: : 3658-80-8

Specifications	Limits
Density	1.202 g/ml
Slightly Soluble	in water
Appearance	pale yellow clear oily liquid
Specific gravity	1.19520 to 1.21000 @ 20.00 °C
Pounds/Gallon	9.957 to 10.080
Refractive Index	1.59500 to 1.60500 @ 20.00 °C
Boiling Point	165.00 to 170.00 °C. @ 760.00 mm Hg
Boiling Point	41.00 °C. @ 6.00 mm Hg
Vapor Density	4.3
logP (o/w)	2.93
Odor	Sulfureous, alliaceous, cooked, savory, meaty, eggy, vegetative, green, onion topnote
Taste	Sulfureous, alliaceous, gassy, savory and meaty with a fresh, vegetative nuance




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Specifications	Limits
Assay	97.00 to 100.00 %
Melting Point	-68.00 °C. @ 760.00 mm Hg
Flash Point	125.00 °F.TCC
Odor Type	alliaceous
Vapor Pressure	1.070000 mm/Hg @ 25.00 °C
Molecular weight	126.25
Color	colorless to light yellow clear liquid
Solubility	alcohol, propylene glycol, oil
Chemical Structure	



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