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Methyl 3-Mercaptopropionate

Property	Typical Value	Specification	Test Method
Purity, wt %			Chromatography
Methyl 3-Mercaptopropionate	99.8	99.0 min	
Dimethyl Thiodipropionate	0.01	1.0 max	
Dimethyl Dithiodipropionate	0.02	1.0 max	
Water	0.03	0.2 max	
Distillation Range, °C			ASTM D 1078
5%	167.3	166 min	
95%	167.6	169 max	
Mercaptan Sulfur, wt %	26.5	26.2 min	CPChem Method
Color, delta E	0.2	1 max	ASTM E 308
Appearance	Clear with no particulate matter	Clear with no particulate matter	Visual
Other Properties			
Molecular Formula	HSCH ₂ CH ₂ CO ₂ CH ₃		
Molecular Weight, g/mol	120.17		
Flash Point, °C (ASTM D 93)	67		
Density at 15.6 °C, g/mL	1.114		

Product Number: 1024824

Code/NR: DS15MMP.5

Revised: February 20, 2001

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