



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product

Methyl-3-Mercaptopropionate

Revision Date

3/30/2017

Chevron Phillips Chemical Company LP
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Property	Typical Value	Specification	Test Method
Purity, wt %			CPChem GC
Methyl-3-Mercaptopropionate	99.8	99.0 min	
Dimethyl Thiodipropionate	0.01	1.0 max	
Dimethyl Dithiodipropionate	0.02	1.0 max	
Water, ppm	300	2000 max	CPChem GC
Distillation Range, °C			ASTM D1078
5%	167.3	166 min	
95%	167.6	169 max	
Mercaptan Sulfur, wt %	26.5	26.2 min	CPChem Titration
Color, Delta E	0.2	1 max	ASTM E308
Appearance	Clear with no particulate matter	Clear with no particulate matter	CPChem Visual
<u>Other Properties (Not on COA)</u>			
Molecular Formula	HSCH ₂ CH ₂ CO ₂ CH ₃		
Molecular Weight, g/mol	120.17		
Flash Point, °C	67		ASTM D93A
Density at 15.6 °C, g/mL	1.114		

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