



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product
DIMETHYL SULFIDE (DMS)

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4/30/2019

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Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
APHA Color	---	ASTM D-5386	---	---	35	---	---
Appearance	---	Visual	Clear with no particulate matter	---	---	Clear with no particulate matter	---
Dimethyl Sulfide	WT%	Chromatography	99.5	99.0	---	---	---
Methyl Mercaptan	WT%	Chromatography	---	---	0.20	---	---
Water	WT%	Chromatography	---	---	0.04	---	---
Other	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Density @ 60 F	LB/GAL	ASTM D-4052	7.11	---	---	---	---
Distillation - DP	FAH	ASTM D-86	99	---	---	---	---
Distillation - IBP	FAH	ASTM D-86	97	---	---	---	---
Flash Point (Deg. F), Estimated	---	---	< 0	---	---	---	---
Freezing Point, Deg F (Literature)	---	---	-145	---	---	---	---
Half Doctor Test	---	ASTM D-235	Pass	---	---	---	---
Specific Gravity 60/60	---	ASTM D-4052	0.854	---	---	---	---
Sulfur	WT%	ASTM D-4294	51.64	---	---	---	---
Vapor Pressure @ 100.4 F, PSI	PSI	ASTM D-5191	14.9	---	---	---	---
Viscosity @ 68 F, cP	cSt	ASTM D-445	0.285	---	---	---	---

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