



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product

SCENTINEL*E

Revision Date

2/12/2011

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Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
APHA Color	---	ASTM D-5386	6	---	30	---	---
Appearance	---	Visual	Clear with no particulate matter	---	---	Clear with no particulate matter	---
Cloud Point	FAH	ASTM D-2386 mod	< -50	---	-50	---	---
Distillation - DP	FAH	ASTM D-86	140	---	180	---	---
Distillation - IBP	FAH	ASTM D-86	148	135	---	---	---
Ethyl Mercaptan	WT%	Chromatography	Trace	---	1.00	---	---
Freezing Point	FAH	ASTM D-2386	< -50	---	-50	---	---
Isopropyl Mercaptan	WT%	Chromatography	16	13.0	18.0	---	---
n-Propyl Mercaptan	WT%	Chromatography	7	3.0	8.0	---	---
Other Mercaptans and Sulfides	WT%	Chromatography	1	0.0	5.0	---	---
Specific Gravity 60/60	---	ASTM D-4052	0.8110	0.8050	0.8150	---	---
t-Butyl Mercaptan	WT%	Chromatography	77	75.0	80.0	---	---
Total Mercaptans	WT%	Chromatography	99.9	99.0	---	---	---
Other	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Calculated Sulfur	WT%	Chromatography	37	---	---	---	---
Density @ 60 F	LB/GAL	ASTM D-4052	6.74	---	---	---	---
Flash Point, PM	FAH	ASTM D-93	< 0	---	---	---	---
Half Doctor Test	---	ASTM D-235	Pass	---	---	---	---
Reid Vapor Pressure at 100F	PSI	Calculated	7.0	---	---	---	---

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