



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product

Revision Date

DI-ETHYL HYDROXYLAMINE 85% v

3/10/2011

Chevron Phillips Chemical Company LP
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Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
APHA Color	---	ASTM D-5386	---	---	30	---	---
Appearance	---	Visual	Clear with no solids or suspended matter	---	---	Clear with no solids or suspended matter	---
Color, Delta E	---	ASTM E-308	0.5	---	1.00	---	---
DEHA	WT%	Calculated	85.2	85.00	---	---	---
Diethyl Amine	WT%	Chromatography	---	---	0.30	---	---
Diethyl Amine + Triethyl Amine	WT%	Chromatography	0.2	---	0.50	---	---
Phase Separation	LV%	Visual	None	---	0.5	---	---
Total Amines	WT%	Titration	85,4	85.00	---	---	---
Water	WT%	ASTM E-203	14.7	---	15.00	---	---
Other	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Density @ 20 C	g/ml	ASTM D-4052	0.90	---	---	---	---
Distillation - IBP	CEL	ASTM D-1078	95	---	---	---	---
Flash Point, TCC	CEL	ASTM D-56	46	---	---	---	---
Freezing Point	CEL	ASTM D-2386	-16	---	---	---	---

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