

LOTTE CHEMICAL

Certificate of Analysis

▶ Product : TEG_TRI_ETHYLENE_GLYCOL
 ▶ Port Sampled : B1002-F
 ▶ Date Sampled : 2015/03/01 16:35:54
 ▶ Destination :
 ▶ Quantity : 0.000 MT
 ▶ Date Shipped : 2015/03/02
 ▶ Decision : Pass

▶ Date Issued : 2015/03/16

Test Item	Test Method	Unit	Spec (Min)	Spec (Max)	Result
Triethylene Glycol	G.C	wt%			99.46
Diethylene Glycol	G.C	wt%			0.41
Polyethylene Glycol	G.C	wt%			0.00
Water	ASTM E-203	wtpm		2,000	680
Acidity(as CH ₃ COOH)	ASTM D-1613	wtpm		100	60
Color(APHA)	ASTM D-1209	-		35	26
Specific Gravity(20/20°C)	ASTM D-891	-	1.1240	1.1260	1.1250
Distillation Range, 5 Vol%	ASTM D-1078	°C	278		286
Distillation Range, 95 Vol%	ASTM D-1078	°C		298	294
Ash	SD No.DC-254A	wtpm		100	15

I Certify the Above Statement of Quality to be True and Correct.

<http://www.lottechem.com>



Chief of Laboratory