

Certificate of Analysis

Butyl TriGlycol

C₁₀H₂₂O₄

HS Code: 29094300

CAS Number: 143-22-6

Test	Method	Units	Specification Limits		Results
			Min	Max	
Appearance	Visual	-	Clear, Clean liquid		pass
Color	ASTM D 1209	Pt/Co	-	Max 50	LT 5
Density @ 20° C in Vac	ASTM D 4052	Kg/L	-	-	0.9862
Specific Gravity@20° C	ASTM D 4052	g/ml	0.9850	0.9890	0.9870
Acidity as Acetic Acid	ASTM D 1613	% wt	-	0.0100	0.002
Water Content	ASTM E 203	% wt	-	0.08	0.01
Purity	GC	% wt	-	-	99.15
Distillation			-	-	-
IBP			260	285	269
DP			-	-	281
Diethylene Glycol	GC	% wt	-	0.4	0.07
Triethylene Glycol	GC	% wt	-	1.2	0.66
Peroxide	ASTM D 3703	ppm	-	10	2
Total Carbonyls	ASTM E 2313	ppm	-	1000	560
Viscosity@ -40° C	ASTM D 445	cSt	450	550	459.0
Other Glycols	GC	ppm	-	-	538

Prepared By:

Certified By:

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