

# ASES CHEMICAL WORKS

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## CERTIFICATE OF ANALYSIS

1. Name of the Product	Triethylene Glycol
2. Alternative Name	TEG, Triglycol, Trigen
3. CAS Number	112-27-6
4. Formula	$C_6H_{14}O_4$
5. Mol Weight	150.18 g/mol
6. Batch No & Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years From MFG Date
8. Date of Analysis	July-2024

Sr.No.	Parameters	UOM	Specification	Test Result
1	Appearance	--	Clear liquid	Clear liquid
2	Suspended matter	--	None	None
3	Colour (Pt-Co)	Nos	100 Max	35
4	Water content	ppm	1500 Max	313
5	Purity	wt%	99.20 Min	99.88
6	MEG + DEG	wt%	0.50 Max	0.05
7	Heavy glycol	wt%	0.60 Max	0.04
8	Specific gravity at 20/20°C	--	1.1210 - 1.1260	1.1254
9	Distillation range - 5%	°C	280.0 Min	281.2
10	Distillation range - 95%	°C	300.0 Max	282.1
11	Acidity as Acetic acid	ppm	100 Max	14
12	Chloride as Cl	ppm	10.00 Max	0.6