



Crystal India

CERTIFICATE OF ANALYSIS

TRIETHYLENE GLYCOL

PHYSICAL PROPERTIES:

CAS Number	112-27-6
Formula	$\text{HOCH}_2\text{CH}_2(\text{OCH}_2\text{CH}_2)_2\text{OH}$
Physical state at room temperature	Liquid
Appearance	Transparent

SPECIFICATIONS:

Chromatographic Purity (by GC)	99%
Distillation range	Distils between 280°C-300°C
Boiling Point @ 760 mm Hg	288 °C
Moisture	0.2-0.5 % (m/m)
pH	6.5-9.5
Specific gravity at 20°C	1.125-1.1259
Kinematic Viscosity at 25°C	49 Centistokes (cP)
Vapour Density at 15°C	5.17 (Air = 1)
Ash Content	<0.001% (m/m)
Acidity as Acetic Acid	0.0011% (m/m)