



# *Crystal India*

## CERTIFICATE OF ANALYSIS

### DIETHYLENE GLYCOL

#### PHYSICAL PROPERTIES:

CAS Number	111-46-6
Formula	CH <sub>2</sub> OH-CH <sub>2</sub> OCH <sub>2</sub> -CH <sub>2</sub> OH
Physical state at room temperature	Liquid
Appearance	Colourless
Odour	Odourless

#### SPECIFICATIONS:

Chromatographic Purity (by GC)	NLT min 98%
pH	6-7
MEG	1-1.5%
TEG	0.5-1%
Chlorine	>>225 PPM
Melting Point	- 8°C
Boiling Point	226°C
Specific Gravity (20°C)	1.1153- 1.1156
Water (by KFR)	NMT 0.5%
Flammability Limits (%)	LEL 3 UEL 7
Flash Point	152°C
Vapour Density (air=1)	3.6
Vapour Pressure (30°C)	0.01 mm Hg
Auto Ignition Temp	225°C
Solubility in water	Miscible with water