

2944 – DIETHYLENE GLYCOL, AR GRADE

REF NO: TBL/QA/SS/LC/2944	STANDARD SPECIFICATION FOR DIETHYLENE GLYCOL, AR GRADE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	111-46-6
Chemical Formula	C ₄ H ₁₀ O ₃
Formula weight	106.12
Functional Uses	Diethylene glycol may be used in the preparation of bis (2,2':6',2''-terpyrid-4'-yl) diethylene glycol, which can act as a precursor for producing water-soluble coordination polymers.
Standard Packaging	500 ml

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Clear Liquid.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Refractive Index	1.446 – 1.448
Boiling Range (241-248°C)	NLT – 95.0%
Freezing Point	–12 to –6°C
Wt. per ml at 20°C	1.115 – 1.118 gm
Minimum Assay (By GC)	98.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

