

2942 – DIETHYLENE GLYCOL, EXTRA PURE

REF NO: TBL/QA/SS/LC/2942	STANDARD SPECIFICATION FOR DIETHYLENE GLYCOL, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
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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 & 25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless liquid.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Wt. per ml at 20°C	1.115 – 1.118gm
Boiling Point	241°C – 248°C
Refractive Index	1.446 – 1.448
Assay	NLT – 98.0%

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

