

2943– ETHYLENE GLYCOL AR GRADE

REF NO: TBL/QA/SS/LC/2943	STANDARD SPECIFICATION FOR ETHYLENE GLYCOL AR GRADE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	107-21-1
Chemical Formula	C ₂ H ₆ O ₂
Formula weight	62.07
Functional Uses	It has been used as a carrier fluid during the fabrication of shear thickening fluid (composed of nanosized silica particles). To compose previtrification and vitrification solutions for the cryopreservation of mouse embryos.
Standard Packaging	500 ml

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Clear colorless liquid.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.001%
Iron(Fe)	NMT – 0.00001%
Sulphate (SO ₄)	NMT – 0.001%
Heavy Metal (Pb)	NMT – 0.00001%
Assay	NLT – 99.5%

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

