

Department: Quality Control

Document No: LCPL/QSD/QAD/11

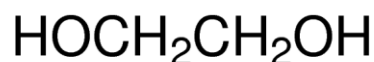
SOP No.: SOP/QC/11-E025

SPECIFICATION : ETHYLENE GLYCOL LR

Issue date	09/04/2018	Review date	08/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	HOCH ₂ CH ₂ OH
2	Product code	E025
3	Molecular weight	62.07
4	CAS No	107-21-1
5	Risk Statement No	22
6	Safety Statement No	--
7	UN No.	UN3082



PACKING DETAILS

	Product code	Pack size
1	E02530	500 mL
2	E02532	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A clear colourless hygroscopic liquid.
2	Miscibility	Miscible with Water, Methanol, Ethanol, Acetone, Acetic acid, Glycerol and Pyridine. Insoluble in Benzene, Petroleum ether, and Carbon tetrachloride.
3	Assay (GC)	Not less than 99.0%
4	Weight per mL	Between 1.112 and 1.114 g
5	Acidity (as CH ₃ COOH)	Not more than 0.006%
6	Sulphated ash	Not more than 0.01%
7	Water (by KF)	Not more than 0.5%

SAFETY SYMBOLS



Harmful / Irritant



Health hazard