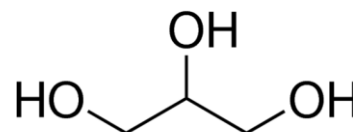


SPECIFICATION : GLYCEROL AR

Issue date	09/04/2018	Review date	08/04/2023	Location	All units
Version No.:	00	Supersedes	--	Page No	1 of 1

PRODUCT DETAILS

1	Molecular Formula	HOCH ₂ CH(OH)CH ₂ OH
2	Product code	G005
3	Molecular weight	92.09
4	CAS No	56-81-5
5	Risk Statement No	---
6	Safety Statement No	24/25
7	UN No.	---



PACKING DETAILS

	Product code	Pack size
1	G00530	500 mL
2	G00532	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A clear colourless hygroscopic viscous liquid.
2	Identification (By IR Spectrum)	To conform to standard.
3	Miscibility	Miscible with water, ethanol and methanol. Slightly soluble in acetone and ether.
4	Assay	Min. 99.5%
5	Weight per mL at 20°C	1.250 – 1.261 g
6	pH (10% aqueous solution)	6.0 – 7.0
7	Refractive index	1.471 – 1.475
8	Residue after ignition	0.01%
9	Chloride (Cl)	0.0001%
10	Sulphate (SO ₄)	0.0005%
11	Ammonium	0.0005%
12	Arsenic (As)	0.00004%
13	Lead (Pb)	0.00005%
14	Fatty acids	Passes test
15	Ester of volatile fatty acids	0.025%
16	Reducing substances	No reaction
17	Sugars	0.004%
18	Substances discoloured by H ₂ SO ₄	Passes test

SAFETY SYMBOLS