

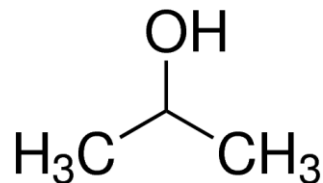
Department: Quality Control **Document No: LCPL/QSD/QAD/11** **SOP No.: SOP/QC/11-P040**

SPECIFICATION : PROPAN-2-OL AR

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	(CH ₃) ₂ CHOH
2	Product code	P040
3	Molecular weight	60.1
4	CAS No	67-63-0
5	Risk Statement No	11-36-67
6	Safety Statement No	7-16-24-25-26
7	UN No.	UN1219



PACKING DETAILS

	Product code	Pack size
1	P04030	500 mL
2	P04032	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Clear colourless liquid with characteristic odour.
2	Miscibility	Miscible with water, ethanol, chloroform and ether.
3	Assay (GC)	Not less than 99.5%
4	Weight per mL at 20°C	Between 0.784 and 0.785 g
5	Refractive index at 20°C	Between 1.3770 and 1.3780
6	Distillation range	Between 81.5 and 82.5°C
7	Non-volatile matter	Not more than 0.001%
8	Acidity (C ₂ H ₅ COOH)	Not more than 0.001%
9	Alkalinity (NH ₃)	Not more than 0.0005%
10	Aldehyde & Ketones	Not more than 0.005%
11	Impurities detected by GLC	Not more than 0.2%
12	Methanol (GC)	Not more than 0.1%
13	Ethanol (GC)	Not more than 0.01%
14	Readily carbonisable substances	Passes test
15	Substances reducing permanganate	Not more than 0.0005%
16	Water (by KF)	Not more than 0.1%

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SAFETY SYMBOLS



Harmful / Irritant



Corrosive



Health hazard