

**SPECIFICATION : METHANOL AR**

<b>Issue date</b>	16/04/2018	<b>Review date</b>	15/04/2023	<b>Location</b>	<b>All Units</b>
<b>Version No.:</b>	00	<b>Supersedes</b>	--	<b>Page No</b>	1 of 2

**PRODUCT DETAILS**

1	Molecular Formula	CH <sub>3</sub> OH
2	Product code	M013
3	Molecular weight	32.04
4	CAS No	67-56-1
5	Risk Statement No	11-23/24/25- 39/23/24/25
6	Safety Statement No	7-16-36/37-45
7	UN No.	UN1230

# CH<sub>3</sub>OH

**PACKING DETAILS**

	Product code	Pack size
1	M01330	500 mL
2	M01332	2.5 L

**PRODUCT SPECIFICATION**
**SL. No. TEST PARAMETERS**
**LIMITS**

1	Description	Clear colourless liquid with characteristic odour.
2	Identification	By IR Spectrum
3	Miscibility	Miscible with water, ethanol, ether, benzene, ketones and other organic solvents.
4	Assay (GC)	Not less than 99.5%
5	Weight per mL	Between 0.791 and 0.792 g
6	Refractive index	Between 1.328 and 1.330
7	Distillation range	Between 64.0 and 65°C
8	Non-volatile matter	Not more than 0.0005%
9	Acidity (HCOOH)	Not more than 0.001%
10	Alkalinity (NH <sub>3</sub> )	Not more than 0.0002%
11	Aldehydes and Ketones	Not more than 0.005%
12	Ethanol	Not more than 0.1%
13	Organic impurities	Passes test
14	Substances reducing permanganate	Not more than 0.0005%
15	Water (by KF)	Not more than 0.1%

**Department: Quality Control**

**Document No: LCPL/QSD/QAD/11**

**SOP No.: SOP/QC/11-M013**

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**SAFETY SYMBOLS**



Flammable



Health hazard



Toxic