

SPECIFICATION : METHANOL HPLC

Issue date	16/04/2018	Review date	15/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	CH ₃ OH
2	Product code	M014
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



PACKING DETAILS

	Product code	Pack size
1	M01430	500 mL
2	M01432	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 99.8%
5	Weight per Ml at 20 ⁰ C	Between 0.791 and 0.792 g
6	Refractive index at 20 ⁰ C	Between 1.328 and 1.331
7	Distillation range	Between 64.5 and 65.0 ⁰ C
8	Water	Not more than 0.05%
9	Non volatile matter	Not more than 0.0005%
10	Acidity (as HCOOH)	Not more than 0.001%
11	Alkalinity (as NH ₃)	Not more than 0.0002%
12	<u>Minimum Transmittance (10 mm Cuvette using water as reference).</u>	
	<i>Wave length</i>	<i>Not less than %T</i>
	210 nm	25%
	220 nm	55%
	230 nm	70%
	235 nm	80%
	240 nm	85%
	250 nm	92%
	260 nm	98%

Department: Quality Control

Document No: LCPL/QSD/QAD/11

SOP No.: SOP/QC/11-M014

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SAFETY SYMBOLS



Flammable



Health hazard



Toxic