

FINISHED GOODS SPECIFICATION

Department: Quality Control		Location:	All Units	Specification No.	LC/AU/QC/FGS/M014/03	
Specification: METHANOL HPLC					Product Code: M014	
Issue date	06/09/2023	Effective date		09/09/2023	Review date	05/09/2026
Version No.:	03	Supersedes		01/04/2020	Page 1 of 2	

PRODUCT DETAILS

1	Molecular Formula	CH ₃ OH
2	Product code	M014
3	Molecular weight	32.04
4	CAS No	67-56-1
5	Hazard Statement	H225, H301, H302, H305, H311, H331, H370
6	Precautionary Statement	P210, P233, P235, P240, P241, P242, P243, P260, P264, P270, P271, P280, P301+P330+P331, P302+P352, P303+P361+P353, P304+P340, P305+P351+P338, P307+P311, P310, P311, P312, P337+P313, P361, P363, P370+P378, P403+P233, P405, P501
7	UN No.	UN1230

CH₃OH

PACKING DETAILS

	Product code	Pack size
1	M01430	500 mL
2	M01432	2.5 L

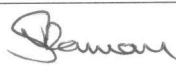
PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

1	Description
2	Identification
3	Miscibility
4	Assay (GC)
5	Weight per Ml at 20°C
6	Refractive index at 20°C
7	Distillation range
8	Water
9	Non-volatile matter
10	Acidity (as HCOOH)
11	Alkalinity (as NH ₃)

LIMITS

Clear colourless liquid with characteristic odour.
By IR Spectrum
Miscible with water, ethanol, ether benzene, ketones and other organic solvents.
Not less than 99.8%
Between 0.791 and 0.792 g
Between 1.328 and 1.331
Between 64.5 and 65.0°C
Not more than 0.05%
Not more than 0.0005%
Not more than 0.001%
Not more than 0.0002%

	Tested by	Checked by	Approved By
Name	Latha	M.Vijayababu	S. Venkataraman
Signature			
Date	06/09/2023	06/09/2023	06/09/2023

FINISHED GOODS SPECIFICATION

Department: Quality Control	Location: All Units	Specification No.	LC/AU/QC/FGS/M014/03
Specification: METHANOL HPLC			Product Code: M014
Issue date	06/09/2023	Effective date	09/09/2023
Version No.:	03	Supersedes	01/04/2020
Review date 05/09/2026			
Page 2 of 2			

SL. No.	TEST PARAMETERS	LIMITS
12	<u>Minimum Transmittance (10 mm Cuvette using water as reference).</u>	
	Wavelength	Not less than %T
	210 nm	25%
	220 nm	55%
	230 nm	70%
	235 nm	80%
	240 nm	85%
	250 nm	92%
	260 nm	98%

SAFETY SYMBOLS



Flammable



Health hazard



Toxic

	Tested by	Checked by	Approved By
Name	Latha	M. Vijayababu	S. Venkataraman
Signature			
Date	06/09/2023	06/09/2023	06/09/2023