

Department: Quality Control

Document No: LCPL/QSD/QAD/11

SOP No.: SOP/QC/11-M120

SPECIFICATION : METHANOL (ACETONE FREE)

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	M120
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	M12030	500 mL
2	M12032	2.5 L

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

1	Description
2	Miscibility
3	Assay (GC)
4	Weight per mL at 20°C
5	Refractive index at 20°C
6	Distillation range
7	Non-volatile matter
8	Acetone
9	Aldehydes and Ketones
10	Readily carbonisable substances
11	Water (by KF)

LIMITS

Clear colourless liquid with characteristic odour.
Miscible with water, ethanol, ether benzene, ketones and other organic solvents.
Not less than 99.0%
Between 0.791 and 0.793 g
Between 1.328 and 1.331
Between 64.0 and 65.0°C
Not more than 0.005%
Not more than 0.1%
Not more than 0.01%
Passes test
Not more than 0.2%

SAFETY SYMBOLS



Flammable



Health hazard



Toxic