

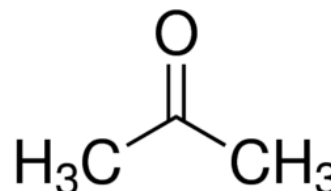
Department: Quality Control **Document No: LCPL/QSD/QAD/11** **SOP No.: DB/SOP/QC/11-A002**

SPECIFICATION : ACETONE AR

Issue date	15/02/2018	Review date	14/02/2023	Location	Dobaspet
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PRODUCT DETAILS

1	Molecular Formula	(CH ₃) ₂ CO
2	Product code	A001
3	Molecular weight	58.08
4	CAS No	67-64-1
5	Risk Statement No	11-36-66-67
6	Safety Statement No	16-26-9
7	UN No.	UN1090



PACKING DETAILS

	Product code	Pack size
1	A00230	500 mL
2	A00232	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	Non-volatile matter
9	Acidity
10	Alkalinity
11	Aldehyde
12	Methanol
13	Ethanol
14	2-Propanol
15	Cobalt (Co)

LIMITS

Clear colourless liquid with characteristic odour.
By IR Spectrum
Miscible with water forming clear and colourless liquid.
Not less than 99.5%
Between 0.789 and 0.791 g
Between 1.358 and 1.360
Between 56.0 and 56.5°C
Not more than 0.0005%
Not more than 0.005%
Not more than 0.001%
Not more than 0.0015%
Not more than 0.05%
Not more than 0.01%
Not more than 0.05%
Not more than 0.000005%

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SL. No.	TEST PARAMETERS	LIMITS
16	Copper (Cu)	Not more than 0.000001%
17	Iron (Fe)	Not more than 0.00001%
18	Lead (Pb)	Not more than 0.000001%
19	Manganese (Mn)	Not more than 0.000001%
20	Nickel (Ni)	Not more than 0.000005%
21	Zinc (Zn)	Not more than 0.000005%
22	Substances reducing permanganate	Not more than 0.0002%
23	Water (by KF)	Not more than 0.2%

SAFETY SYMBOLS



Highly flammable



Harmful/Irritant