

Department: Quality Control

Document No: LCPL/QSD/QAD/11

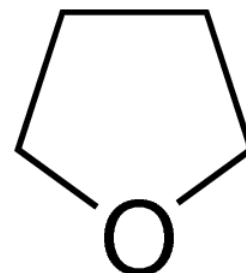
SOP No.: SOP/QC/11-T042

SPECIFICATION : TETRAHYDROFURAN AR

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	C ₄ H ₈ O
2	Product code	T042
3	Molecular weight	72.11
4	CAS No	109-99-9
5	Risk Statement No	11-19-36/37-40
6	Safety Statement No	13-16-29-33-36-37-46
7	UN No.	UN2056



PACKING DETAILS

	Product code	Pack size
1	T04230	500 mL
2	T04232	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	Free acid (CH ₃ COOH)
10	Alkalinity (as NaOH)
11	Peroxides (H ₂ O ₂)
12	Iron (Fe)
13	Heavy metal (Pb)
14	Water (by KF)

LIMITS

Clear colourless liquid with characteristic odour.
By IR Spectrum
Miscible with water, ethanol, acetone, ether, benzene and most organic solvents.
Not less than 99.5%
Between 0.886 and 0.888 g
Between 1.407 and 1.408
Between 65.0 and 67°C
Not more than 0.001%
Not more than 0.001%
Not more than 0.0005%
Not more than 0.005%
Not more than 0.0001%
Not more than 0.0001%
Not more than 0.05%

SAFETY SYMBOLS



Harmful / Irritant



Flammable



Health hazard