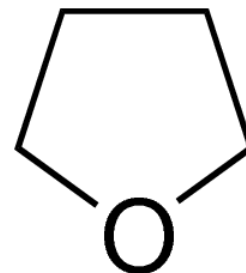


Department: Quality Control
Document No: LCPL/QSD/QAD/11
SOP No.: SOP/QC/11-T200
SPECIFICATION : TETRAHYDROFURAN HPLC

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

PRODUCT DETAILS

1	Molecular Formula	C ₄ H ₈ O
2	Product code	T200
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	T20032	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Clear colourless liquid with characteristic odour.
2	Identification	By IR Spectrum
3	Assay (GC)	Not less than 99.7%
4	Weight per mL at 20°C	Between 0.886 and 0.888 g
5	Non-volatile matter	Not more than 0.001%
6	Free acid (CH ₃ COOH)	Not more than 0.001%
7	Peroxides (H ₂ O ₂)	Not more than 0.005%
8	Water (by KF)	Not more than 0.03%
	<i>Minimum Transmittance (10 mm Cuvette using water as reference).</i>	
	<i>Wave length</i>	<i>Not less than T%</i>
	245 nm	25.0%
	250 nm	50.0%
	260 nm	70.0%
	280 nm	90.0%
	300 nm	95.0%
	310 nm	98.0%

SAFETY SYMBOLS


Harmful / Irritant



Flammable



Health hazard