

Department: Quality Control

Document No: LCPL/QSD/QAD/11

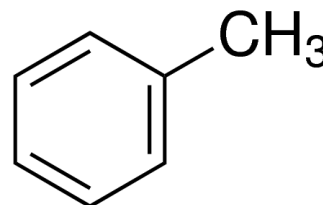
SOP No.: SOP/QC/11-T023

SPECIFICATION : TOLUENE LR

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

1	Molecular Formula	$C_6H_5CH_3$
2	Product code	T023
3	Molecular weight	92.14
4	CAS No	108-88-3
5	Risk Statement No	63-11-38-48/20-65-67
6	Safety Statement No	36/37-46-62
7	UN No.	UN1294



PACKING DETAILS

	Product code	Pack size
1	T02330	500 mL
2	T02332	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Clear colourless refractive liquid.
2	Identification (by IR Spectrum)	To conform
3	Miscibility	Miscible with ethanol, acetone, ether, chloroform, benzene and carbon disulphide.
4	Assay (GC)	Not less than 99.0%
5	Weight per mL at 20°C	Between 0.865 and 0.867 g
6	Refractive index at 20°C	Between 1.495 and 1.497
7	Distillation range	Between 110.0 and 111.0°C
8	Non-volatile matter	Not more than 0.003%
9	Sulphur compounds	Not more than 0.0005%
10	Thiophene homologues	Not more than 0.0002%
11	Readily carbonisable substances	Passes test
12	Water (by KF)	Not more than 0.04%

SAFETY SYMBOLS



Harmful / Irritant



Flammable



Health hazard