

Department: Quality Control

Document No: LCPL/QSD/QAD/11

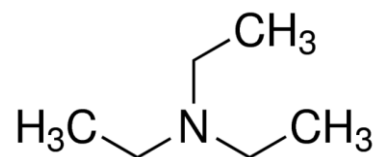
SOP No.: SOP/QC/11-T165

SPECIFICATION : TRIETHYLAMINE HPLC

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

1	Molecular Formula	(C ₂ H ₅) ₃ N
2	Product code	T165
3	Molecular weight	101.19
4	CAS No	121-44-8
5	Risk Statement No	11-20/21/22-35
6	Safety Statement No	16-26-29-36/37/39-45-61
7	UN No.	UN1296



PACKING DETAILS

	Product code	Pack size
1	T165	500 mL
2	T165	2.5 L

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

1	Description	Clear colourless liquid with characteristic odour.
2	Identification	By IR Spectrum
3	Miscibility	Miscible with ethanol and ether. Miscible with water below 19°C
4	Assay (GC)	Not less than 99.5%
5	Weight per mL at 20°C	Between 0.726 and 0.728 g
6	Non-volatile matter	Not more than 0.003%
7	Water (by KF)	Not more than 0.08%
8	<u>Min Transmittance (10 mm Cuvette using water as reference).</u>	

<i>Wave length</i>	<i>Min. T% Limits</i>
330 nm	60.0%
360 nm	80.0%
380 nm	90.0%
390 nm	95.0%
400 nm	98.0%

SAFETY SYMBOLS



Flammable



Corrosive



Toxic