

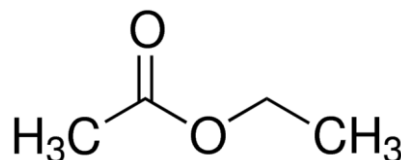
Department: Quality Control	Document No: LCPL/QSD/QAD/11	SOP No.: SOP/QC/11-E066
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SPECIFICATION : ETHYL ACETATE HPLC

Issue date	09/04/2018	Review date	08/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	CH ₃ COOC ₂ H ₅
2	Product code	E999
3	Molecular weight	88.11
4	CAS No	141-78-6
5	Risk Statement No	11-36-66-67
6	Safety Statement No	16-26-33
7	UN No.	UN1173



PACKING DETAILS

	Product code	Pack size
1	E06630	500 mL
2	E06632	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A clear colourless liquid with characteristic odour.
2	Identification	By IR Spectrum
3	Miscibility	Miscible with ethanol, ether, esters, ketones, chloroform and other organic solvents. 7.9 g miscible in 100 mL water at 20°C
4	Assay (GC)	Not less than 99.8%
5	Weight per mL	Between 0.899 and 0.901 g
6	Refractive index	Between 1.372 and 1.373
7	Distillation range	Between 76.5 and 77.5°C
8	Non-volatile matter	Not more than 0.0005%
9	Acidity (CH ₃ COOH)	Not more than 0.005%
10	Water (by KF)	Not more than 0.05%
11	<u>Minimum Transmittance (10 mm Cuvette using water as reference).</u>	
	<i>Wave length</i>	<i>Not less than T%</i>
	260 nm	30%
	275 nm	80%
	300 nm	98%

SAFETY SYMBOLS



Harmful / Irritant



Flammable