

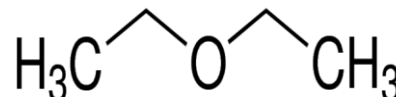
Department: Quality Control	Document No: LCPL/QSD/QAD/11	SOP No.: SOP/QC/11-D080
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SPECIFICATION : DIETHYL ETHER DRIED LR

Issue date	02/04/2018	Review date	01/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	(CH ₃ CH ₂) ₂ O
2	Product code	D080
3	Molecular weight	74.12
4	CAS No	60-29-7
5	Risk Statement No	12-19-22-66-67
6	Safety Statement No	16
7	UN No.	UN1155



PACKING DETAILS

	Product code	Pack size
1	D08030	500 mL
2	D08032	2.5 L

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

1	Description	
2	Miscibility	
3	Assay (GC)	
4	Weight per mL at 20°C	
5	Boiling range (95%)	
6	Non – volatile matter	
7	Peroxide (as H ₂ O ₂)	
8	Substance discoloured by H ₂ SO ₄	
9	Water (by KF)	
10	Acidity (as CH ₃ COOH)	

LIMITS

	Description	A clear, colourless, mobile, very volatile liquid with a characteristic odour.
	Miscibility	Miscible with methanol, ethanol, chloroform and most organic solvents.
	Assay (GC)	Not less than 98.5%
	Weight per mL at 20°C	Between 0.713 and 0.716 g
	Boiling range (95%)	Between 34.0 and 35.0°C
	Non – volatile matter	Not more than 0.003%
	Peroxide (as H ₂ O ₂)	Not more than 0.001%
	Substance discoloured by H ₂ SO ₄	Passes test
	Water (by KF)	Not more than 0.1%
	Acidity (as CH ₃ COOH)	Not more than 0.002%

SAFETY SYMBOLS



Harmful / Irritant



Flammable