

Department: Quality Control

Document No: LCPL/QSD/QAD/11

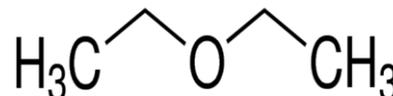
SOP No.: SOP/QC/11-D007

**SPECIFICATION : DIETHYL ETHER AR**

Issue date	02/04/2018	Review date	01/42/2023	Location	All Units
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**PRODUCT DETAILS**

1	Molecular Formula	(CH <sub>3</sub> CH <sub>2</sub> ) <sub>2</sub> O
2	Product code	D007
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	D00730	500 mL
2	D00732	2.5 L

**PRODUCT SPECIFICATION**

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A clear colourless liquid.
2	Assay (GC)	Not less than 99.0%
3	Weight per mL at 20°C	Between 0.713 and 0.716 g
4	Non-volatile matter	Not more than 0.002%
5	Acidity (as CH <sub>3</sub> COOH)	Not more than 0.002%
6	Ethanol (GC)	Not more than 0.05%
7	Peroxide (as H <sub>2</sub> O <sub>2</sub> )	Not more than 0.0005%
8	Substances discoloured by H <sub>2</sub> SO <sub>4</sub>	Passes test
9	Water (by KF)	Not more than 0.2%

**SAFETY SYMBOLS**



Harmful / Irritant



Flammable