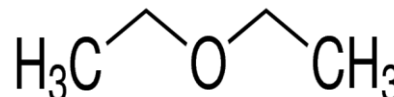


Department: Quality Control
Document No: LCPL/QSD/QAD/11
SOP No.: SOP/QC/11-D006
SPECIFICATION : DIETHYL ETHER LR

Issue date	02/04/2018	Review date	01/04/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

PRODUCT DETAILS

1	Molecular Formula	(CH ₃ CH ₂) ₂ O
2	Product code	D006
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	D00630	500 mL
2	D00632	2.5 L
3	D00634	25L

PRODUCT SPECIFICATION
SL. No. TEST PARAMETERS

1	Description
2	Miscibility
3	Assay (GC)
4	Weight per mL
5	Boiling range
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

A clear colourless, mobile very volatile liquid with a characteristic odour.	
Miscible with Methanol, Ethanol, Chloroform and most organic solvents.	
Not less than 98.0%	
Between 0.713 g and 0.716 g	
Between 34.0° and 35.0°	
Not more than 0.003%	
Not more than 0.001%	
Passes the test	
Not more than 0.3%	
Not more than 0.002%	

SAFETY SYMBOLS


Harmful / Irritant



Flammable