



Certificate of Analysis

QUALITY CONTROL DEPARTMENT ANALYTICAL REPORT & SPECIFICATION AR/Ver -1.0

NAME OF PRODUCT : DIETHYL ETHER
CAS NO. : 60-29-7
FORMULA : $(C_2H_5)_2O$
BATCH NO : I0050018QDAC26
PKD.ON : MAR-26

CAT. NO. : 010230
GRADE : AR
M.W. : 74.12
Q.C. REF NO. : AR/0018/25
RE-TEST : FEB-31

Description : A clear mobile liquid not more than 10 hazen units in colour with a characteristic odour.
Solubility : Miscible with alcohol.
Identification : Passes test.

TEST	LIMIT	OBSERVED
Minimum assay (GC)	99.0%	100.0%
Wt. per ml at 20°C	0.713-0.717g	0.713 g
Boiling range (95%)	34-36° C	34-36° C
Refractive index n_{20}^D	1.351-1.353	1.351

Maximum limits of impurities:

Water	0.2%	0.042%
Non-volatile matter	0.001%	Complies
Acidity (as CH_3COOH)	0.001%	Complies
Aldehydes and ketones ($CH_3.CHO$)	0.002%	Complies
Peroxide(H_2O_2)	0.0001%	Complies
Ethanol	0.05%	Complies
Substances darkened by sulphuric acid	Passes test	Complies

For HIGH PURITY LABORATORY CHEMICALS PVT. LTD.

Manager (Q.C.)

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.

THIS COA HAS BEEN GENERATED ELECTRONICALLY AND IT IS VALID WITHOUT SIGNATURE.

HIGH PURITY LABORATORY CHEMICALS PVT. LTD.

CORP. OFFICE: 320, Gold Mohur Bldg., 174, Shamaldas Gandhi Marg, Mumbai - 400 002 (India).

FACTORY: Plot No. 1902, Fansa Road, G.I.D.C., Sarigam - 396 155, Dist. Valsad, Gujarat (India).

EMAIL: Customercare@hplcindia.com | www.hplcindia.com

TEL.: +91 22 22057323 / 4607 9590/91 **MOB.:** +91 8487947881

