



CERTIFICATE OF ANALYSIS

Date: 14/10/14

PRODUCT NAME : DIETHYL ETHER GR (stabilized)

CAS No : 60-29-7
Mol. Formula : $(C_2H_5)_2O$
Mol. WT : 74.12

Product code : 22980
Batch No : MCRT-8791
Mfd. : Oct. 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99.0 % min	99.94%
2	Wt. per ml (at 20 ⁰ c)	0.713-0.715g	0.714g
3	Refractive index	1.351-1.353	1.352
4	Water-Insoluble matter	Passes test	Passes test
5	Water	0.2 % max	0.035 %
6	Acidity (as CH_3COOH)	0.001% max	<0.001%
7	Non-Volatile matter	0.0025 % max	0.0008 %
8	Aldehydes and ketones (CH_3CHO)	0.002 % max	<0.002%
9	Ethanol (C_2H_5OH)	0.05% max	<0.05%
10	Ether peroxide ($(C_2H_5)_2O_2$)	0.000015% max	< 0.000015%
11	Odorous Impurities	passes test	passes test
12	Substances darkened by sulphuric acid	passes test	passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No./9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503