



CERTIFICATE OF ANALYSIS

Date: 09/11/14

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-8892
Mfd. : Nov. 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99.0 % min	99.98%
2	Wt. per ml (at20 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	0.013 %
6	Acidity (as CH_3COOH)	0.001% max	<0.001%
7	Non-Volatile matter	0.0025 % max	0.0014 %
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.

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