CERTIFICATE OF ANALYSIS

Date: 28/04/18

PRODUCT NAME : DIETHYL ETHER AR (stabilised)

CAS No : 60-29-7
Mol. Formula : $(C_2H_5)_2O$
Mol. WT : 74.12
Exp. : March 2023

Product code : 22980
Batch No : MCRT-16025
Mfd. : April 2018

S. R	Test	Specification	Observation
1	**Assay (GC)**	99.0 % min	99.76%
2	**Wt. per ml (at 20^0c)**	0.713-0.715g	0.715g
3	**Refractive index**	1.351-1.353	1.351
4	**Water-Insoluble matter**	Passes test	Passes test
5	**Water**	0.2 % max	0.04 %
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.

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