

**CERTIFICATE OF ANALYSIS**

Product Name: DIETHYL ETHER AR (STABILISED)

Code no. : EDI1000 CAS no. : 60-29-7

Lot no. : A169171507 Mfg date: JUL-2015

Exp date: JUN-2020 Analyzed on: 11/07/15

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| Sr. no. | Tests | Specifications | Results |
| 1 | Description  | Clear colourless liquid, with characteristic odour  | Clear colourless liquid, with characteristic odour |
| 2 | Assay (GC) | Min. 99.0% | 99.96% |
| 3 | Colour | Max. 10 APHA | 10 APHA |
| 4 | Wt /ml at 20°C | 0.713 - 0.715 g | 0.713 g |
| 5 | Refractive index  | 1.351 - 1.353 | 1.351 |
| 6 | Water insoluble matter  | Nil | Nil |
| 7 | Water  | Max. 0.2% | 0.020% |
| 8 | Acidity (as CH3COOH)  | Max. 0.001% | 0.00093% |
| 9 | Non–volatile matter  | Max. 0.0005% | 0.00044% |
| 10 | Aldehydes & ketones (CH3CHO)  | Max. 0.002% | <0.002% |
| 11 | Ethanol (C2H5OH) | Max. 0.05% | 0.04% |
| 12 | Ether peroxide {(C2H5)2O2} | Max. 0.000015% | <0.000015% |
| 13 | Odorous impurities  | Passes test  | Passes test  |
| 14 | Substance darkened by H2SO4 | Passes test | Passes test |

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