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Certificate of Analysis

Product **62456 - Methanol Dried extrapure AR, 99.8%, water 0.02% - [67-56-1]**
Batch No **5260848**
Analysis Date 09-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2029
Molecular Formula CH₄O
Molecular Weight 32.04

| Test Parameters | Standards | Actual Results |
|---|---------------|----------------|
| Appearance (Clarity) | Clear | Clear |
| Appearance (Colour) | Colourless | Colourless |
| Appearance (Form) | Liquid | Liquid |
| Colour (APHA) | max. 10 | Passes |
| Assay (GC) | min. 99.8% | 99.99% |
| Density (g/ml) @ 20°C | 0.790-0.792 | 0.790 |
| Refractive Index (20°C) | 1.328-1.329 | 1.328 |
| Boiling Range | 64-65°C | 64-65°C |
| Non Volatile Matter | max. 0.001% | 0.0005% |
| Acidity (CH ₃ COOH) | max. 0.002% | 0.0006% |
| Substances reducing Permanganate (O) | max. 0.00025% | Passes |
| Iron (Fe) | max. 0.00001% | Passes |
| Heavy Metals (Pb) | max. 0.00002% | Passes |
| Aldehyde & Ketones (C ₃ H ₆ O) | max. 0.005% | Passes |
| Substance Discoloured by H ₂ SO ₄ | Passes test | Passes |
| Water (KF) | max. 0.02% | 0.01% |

FRM/82/11/2/62456 Rev No. 2 Date 08/09/2016

Prepared by Sanket

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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