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Certificate of Analysis

Product 58308 - sec-Butyl Alcohol extrapure AR, 99.5% - [78-92-2]
Batch No 2496489
Analysis Date 28-Dec-2023
Date of Manufacture December 2023
Expiry Date/Re-Test Date December 2028
Molecular Formula C4H10O
Molecular Weight 74.12

| 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. 99.5% | 99.91% |
| Density (g/ml) @ 20°C | 0.806-0.808 | 0.806 |
| Refractive Index (20°C) | 1.397-1.398 | 1.397 |
| Boiling Range | 98-100°C | 98-100°C |
| Non Volatile Matter | max. 0.001% | 0.0001% |
| Acidity (CH3COOH) | max. 0.003% | 0.0006% |
| Aldehyde & Ketones (C3H7CHO) | max. 0.2% | Passes |
| tert-Butyl Alcohol (GC) | max. 0.1% | Passes |
| Isopropanol (GC) | max. 0.2% | Passes |
| Water (KF) | max. 0.1% | 0.06% |

FRM/82/11/2/58308 Rev No. 2 Date 28/12/2023

Prepared by Ashish

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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