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## Certificate of Analysis

**Product** 42328 - n-Propanol GC-HS (1-propanol), 99.9% - [71-23-8]  
**Batch No** 2730508  
**Analysis Date** 30-Jan-2024  
**Date of Manufacture** January 2024  
**Expiry Date/Re-Test Date** January 2029  
**Molecular Formula** C3H8O  
**Molecular Weight** 60.10

| 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. 99.9%    | 99.95%         |
| Density (g/ml) @ 20°C   | 0.803 - 0.805 | 0.805          |
| Refractive Index (20°C) | 1.385 - 1.386 | 1.385          |
| Boiling Range           | 96 - 98°C     | 96 - 98°C      |
| Non Volatile Matter     | max. 0.0005%  | 0.0001%        |
| Acidity (C3H6O2)        | max. 0.001%   | 0.0007%        |
| Water (KF)              | max. 0.05%    | 0.03%          |

FRM/82/11/2/42328 Rev No. 1 Date 01/11/2015

Prepared by Sujit

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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