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# Certificate of Analysis

<b>Product</b>	<b>45909 - n-Propanol for HPLC, 99.8% - [71-23-8]</b>
<b>Batch No</b>	<b>6990774</b>
<b>Analysis Date</b>	31-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C3H8O
<b>Molecular Weight</b>	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. 99.8%	99.94%
Density (g/ml) @ 20°C	0.803-0.805	0.803
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%	0.02%
%T (Transmission) in a 1cm cell v/s H2O		.
@210nm	≥10	35
@220nm	≥40	47
@230nm	≥50	66
@240nm	≥85	86
@250nm	≥90	95
@275nm	≥99	99
@400nm	≥99	99

FRM/82/11/2/45909 Rev No. 2 Date 09/03/2016

Prepared by DRathod

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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