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Certificate of Analysis

Product	31906 - n-Amyl Alcohol (1-Pentanol) extrapure AR, ACS, 99% - [71-41-0]
Batch No	9964119
Analysis Date	27-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C ₅ H ₁₂ O
Molecular Weight	88.15

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%	99.59%
Density (g/ml) @ 20°C	0.810-0.812	0.812
Refractive Index (20°C)	1.408-1.409	1.408
Boiling Range	136-138°C	136-138°C
Non Volatile Matter	max. 0.001%	0.0005%
Acidity (CH ₃ COOH)	max. 0.002%	0.0006%
Peroxide (H ₂ O ₂)	max. 0.001%	Passes
Acids and esters (CH ₃ COOC ₅ H ₁₁)	max. 0.06%	0.008%
Carbonyl compounds (HCHO)	max. 0.1%	Passes
Furfuraldehyde	max. 0.0001%	Passes
Water (KF)	max. 0.2%	0.1%

FRM/82/11/2/31906 Rev No. 1 Date 10/05/2017

Prepared by **Udit**

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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