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Certificate of Analysis

Product	40334 - 1-Octanol (1-Octyl Alcohol) for HPLC & UV Spectroscopy, 99% - [111-87-5]
Batch No	2182885
Analysis Date	23-Sep-2023
Date of Manufacture	September 2023
Expiry Date/Re-Test Date	September 2028
Molecular Formula	C ₈ H ₁₈ O
Molecular Weight	130.23

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%	99.86%
Density (g/ml) @ 20°C	0.823-0.825	0.823
Refractive Index (20°C)	1.428-1.430	1.428
Boiling Range	194-196°C	Passes
Acidity (caprylic acid)	max. 0.005%	0.001%
Non Volatile Matter	max. 0.001%	0.0005%
Water (KF)	max. 0.01%	0.01%
%T (Transmission) in a 1cm cell v/s H ₂ O		.
@215nm	≥10	54
@225nm	≥35	73
@235nm	≥65	86
@250nm	≥90	95
@300nm	≥97	97
@400nm	≥99	99

FRM/82/11/2/40334 Rev No. 1 Date 07/20/2022

Prepared by Akshay

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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