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Certificate of Analysis

Product	93498 - 1-Dodecanol (Dodecyl Alcohol, Lauryl Alcohol) ACS, ExiPlus, Multi-Compendial, 98% - [112-53-8]
Batch No	8303655
Analysis Date	20-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2028
Molecular Formula	C ₁₂ H ₂₆ O
Molecular Weight	186.34

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Oily Liquid	Oily Liquid
Colour (APHA)	max.10	Passes
Solubility	Aqueous solubility Insoluble	Insoluble
Assay (GC)	min. 98%	99.99%
Density (g/ml) @ 25°C	0.833 - 0.834	0.833
Refractive index (25°C)	1.442 - 1.444	1.442
Melting Point	23 - 25°C	25°C
Boiling Point	259°C	259°C
Water (KF)	max. 0.05%	0.03%

FRM/82/11/2/93498 Rev No. 2 Date 10/12/2023

Prepared by **DRathod**

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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