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Certificate of Analysis

Product	98189 - N,N-Dimethylacetamide (DMA) for HPLC, 99.8% - [127-19-5]
Batch No	1060673
Analysis Date	05-Oct-2023
Date of Manufacture	October 2023
Expiry Date/Re-Test Date	October 2028
Molecular Formula	C4H9NO
Molecular Weight	87.12

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%	99.95%
Density (g/ml) @ 20°C	0.940-0.942	0.940
Refractive Index (20°C)	1.438-1.439	1.438
Boiling Range	164-165°C	164-165°C
Non Volatile Matter	max. 0.0005%	0.0005%
Acidity (CH3COOH)	max. 0.05%	0.005%
Water (KF)	max. 0.05%	0.05%
%T (Transmission) in a 1cm cell v/s H2O	.	.
@270nm	≥10	19
@280nm	≥50	62
@290nm	≥70	77
@300nm	≥85	85
@310nm	≥90	91
@320nm	≥93	95
@340nm	≥98	99
@360-400nm	≥99	100

FRM/82/11/2/98189 Rev No. 3 Date 20/02/2016

Prepared by Ashish

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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1/1

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