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Certificate of Analysis

Product	93186 - N,N-Dimethylformamide (DMF) Dried, 99.5%, water 0.005% - [68-12-2]
Batch No	3762066
Analysis Date	13-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C3H7NO
Molecular Weight	73.10

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. 99.5%	99.98%
Density (g/ml) @ 20°C	0.948 - 0.950	0.948
Refractive Index (20°C)	1.429 - 1.431	1.429
Boiling Range	152 -154°C	152-154°C
Non Volatile Matter	max. 0.002%	0.0005%
Acidity	max. 0.1ml N%	0.008 ml N%
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Water (KF)	max. 0.005%	0.004%

FRM/82/11/2/93186 Rev No. 1 Date 01/11/2015

Prepared by **Trupti**

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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