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## Certificate of Analysis

<b>Product</b>	<b>93186 - N,N-Dimethylformamide (DMF) Dried, 99.5%, water 0.005% - [68-12-2]</b>
<b>Batch No</b>	<b>2086936</b>
<b>Analysis Date</b>	18-Apr-2022
<b>Date of Manufacture</b>	April 2022
<b>Expiry Date/Re-Test Date</b>	April 2027
<b>Molecular Formula</b>	C3H7NO
<b>Molecular Weight</b>	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%	99.97%
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%	0.008ml N%
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Water (KF)	max. 0.005%	0.002%

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

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

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