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Certificate of Analysis

Product **79121 - N,N-Dimethylformamide (DMF) extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.8% - [68-12-2]**

Batch No **1593239**

Analysis Date 09-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
ExiPlus	meets compendial specs of BP	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.8%	99.99%
Density (g/ml) @ 20°C	0.948-0.950	0.948
Refractive Index (20°C)	1.429-1.431	1.430
Boiling Range	151-154°C	151-154°C
Non Volatile Matter	max. 0.002%	0.0005%
Acidity	max. 0.1ml N%	0.02ml N%
Titration base	max. 0.003 meq/g	0.0001 meq/g
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.0001%	Passes
Water (KF)	max. 0.1%	0.06%

FRM/82/11/2/79121 Rev No. 2 Date 29/11/2018

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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