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Certificate of Analysis

Product 21974 - N,N-Dimethylformamide (DMF) extrapure AR,
99.5% - [68-12-2]
Batch No 1390212
Analysis Date 02-Jul-2024
Date of Manufacture July 2024
Expiry Date/Re-Test Date July 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	1.430
Boiling Range	151-154°C	151-154°C
Non Volatile Matter	max. 0.002%	0.0001%
Acidity	max. 0.1ml N%	0.002 ml N%
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.0001%	Passes
Water (KF)	max. 0.1%	0.09%

FRM/82/11/2/21974 Rev No. 2 Date 15/03/2016

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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