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# Certificate of Analysis

**Product**

**74841 - Formamide extrapure AR, ACS, ExiPlus,  
Multi-Compendial, 99.5% - [75-12-7]**

**Batch No**

**5194446**

**Analysis Date**

19-Jun-2024

**Date of Manufacture**

June 2024

**Expiry Date/Re-Test Date**

June 2029

**Molecular Formula**

CH3NO

**Molecular Weight**

45.04

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless,oily,hygroscopic	Colourless,oily,hygroscopic
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Miscibility with water	Passes	Passes
Miscibility in Ethanol (96%)	Passes	Passes
Assay (GC)	min. 99.5%	99.87%
Density (g/ml) @ 20°C	1.132-1.134	1.132
Refractive Index (20°C)	1.446-1.448	1.446
Freezing Point	2.0-3.0°C	2°C
Boiling Point	210°C	210°C
Non Volatile Matter	max. 0.05%	0.0005%
Acidity (HCOOH)	max. 0.02%	0.0008%
Chloride (Cl)	max. 0.0001%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Ammonium Formate	max. 0.1%	Passes
Water (KF)	max. 0.1%	0.05%

FRM/82/11/2/74841 Rev No. 1 Date 01/11/2015

Prepared by Sujit

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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