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Certificate of Analysis

Product **96446 - Methanol for molecular biology, 99.5% - [67-56-1]**
Batch No **4679203**
Analysis Date 04-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2029
Molecular Formula CH₄O
Molecular Weight 32.04

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%	99.99%
Density (g/ml) @ 20°C	0.790-0.792	0.790
Refractive Index (20°C)	1.328-1.329	1.328
Boiling Range	64-65°C	64-65°C
Non Volatile Matter	max. 0.01%	0.0005%
Acidity (CH ₃ COOH)	max. 0.001%	0.0006%
Substance Discoloured by H ₂ SO ₄	Passes test	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
%T (Transmission) in a 1cm cell v/s H ₂ O	1 M solution	.
@280nm	min. 90%	99%
DNase, RNase, Protease	Not detected	Not detected
Water (KF)	max. 0.05%	0.02%

FRM/82/11/2/96446 Rev No. 2 Date 25/12/2019

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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