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Certificate of Analysis

Product **62076 - Acetonitrile (ACN) for DNA synthesis, 99.9% - [75-05-8]**
Batch No **5077451**
Analysis Date 22-Jan-2024
Date of Manufacture January 2024
Expiry Date/Re-Test Date January 2029
Molecular Formula CH₃CN
Molecular Weight 41.05

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. 99.9%	99.93%
Density (g/ml) @ 20°C	0.780 - 0.783	0.780
Refractive Index (20°C)	1.343 - 1.344	1.343
Boiling Range	81 - 83°C	81 - 83°C
Non Volatile Matter	max. 0.0001%	0.0001%
Acidity (CH ₃ COOH)	max. 0.001%	0.0006%
Water (KF)	max. 0.003%	0.001%

FRM/82/11/2/62076 Rev No. 1 Date 01/11/2015

Prepared by **DRathod**

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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