



**SISCO
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Certificate of Analysis

Product **62006 - Acetonitrile (ACN) for molecular biology, 99.9%
- [75-05-8]**

Batch No **5060430**

Analysis Date 02-Aug-2023

Date of Manufacture August 2023

Expiry Date/Re-Test Date August 2028

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%	99.99%
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. 0.0002%	0.0001%
Acidity (CH ₃ COOH)	max. 0.001%	0.0006%
Water (KF)	max. 0.01%	0.01%
%T (Transmission) in a 1cm cell v/s H ₂ O		.
@190nm	≥20	33
@195nm	≥75	86
@200nm	≥90	100
@210nm	≥95	100
@220nm	≥98	100
@230nm	≥99	100
@254nm	≥99	100
@400nm	≥99	100

FRM/82/11/2/62006 Rev No. 1 Date 01/10/2021

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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