

CERTIFICATE OF ANALYSIS

Product Name	ACETONITRILE 99.9% HPLC GRADIENT GRADE		
CAS No.	75-05-8	Code No.	0033A
Batch No.	CS05250621	Date of Analysis	07/06/2025
Mfg. Date	May-2025	Mol. Weight (g/mol)	41.05
Expiry Date	Apr-2030	Mol. Formula	CH 3 CN

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	Clear colourless liquid	Clear colourless liquid
2	Density (d20°C/4°C)	0.782 – 0.783 g/ml	0.782 g/ml
3	Acidity	Max 0.0002 meg/g	0.00006 meg/g
4	Alkalinity	Max 0.0002 meg/g	Nil
5	Refractive index	1.343 - 1.345	1.344
6	Identity (IR)	Passes test	Passes
7	Water (H ₂ O)	Max 0.03%	0.01%
8	Non-volatile matter	Max 0.0005%	0.00016%
9	UV transmittance at 195 nm	Min 75.0%	85.59%
10	UV transmittance at 210 nm	Min 96.0%	97.84%
11	UV transmittance at 220 nm	Min 97.0%	98.47%
12	UV transmittance at 230 nm	Min 98.0%	99.07%
13	UV transmittance at 240 nm	Min 99.0%	99.85%
14	Gradient elution test at 210 nm	Max 10 mAU	Complies
15	Purity (by GC)	Min 99.9%	99.96%
16	UV transmittance at 200 nm	Min 95%	100.11%
17	Gradient elution test at 254 nm	Max 5 mAU	Complies
18	Dilution test (1:1, 1:2, water)	Solution is clear , colourless	Complies

Remark: This product complies as per the specifications of Chemnovo.

This is an electronically generated certificate and is valid without a signature.

Corporate Office: 403, Cosmos Plaza,
D.N Nagar Metro Station, Andheri
West, Mumbai-53
Unit 1: Plot No. F4/12 Tata Steel Road,
Tarapur MIDC Boisar-401504
Unit 2: N-226 Near Kumbhavali Naka,
Tarapur MIDC, Boisar 401506

For issues relating to quality you
may send us a mail on
sales@chemnovo.in
Website: www.chemnovo.in
Contact: +91 9136093115

Chemnovo Synthesis Pvt. Ltd.

CSPL/QC/F/04