

CERTIFICATE OF ANALYSIS
QUALITY CONTROL LABORATORY

SDFCL-MSF-7.8-01-01 ver.03.2A

Survey no.299 Poicha, Baroda - 391780, Taluka Savli, Baroda, Gujarat

LAB. ID : 2425/01080	CERTIFICATE NO. : 210125/06
NAME OF PRODUCT : ACETONITRILE DRY AR (H ₂ O<0.005%)	
BATCH NO : D25A/0625/2101/35	DATE OF REPORTING : 29-04-2025
PRODUCT CODE : 20869	SPECIFICATION REF. : 20869-SP-02
MFG. DATE : Apr-2025	RETEST DATE : Mar-2028

CASR NO : 75-05-8

CH₃CN M.W. : 41.05

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	A clear liquid, not more than 10 Hz units in colours.	Complies	Ph Eur
Solubility	Miscible with water & Methanol forming a clear & colourless soln	Complies	Ph Eur
Wt. per ml at 20°C	0.781 - 0.783 g	0.782 g	Ph Eur
Refractive Index(n) _{D20}	1.343 - 1.345	1.344	Ph Eur
Minimum assay (By GC)	99.5%	99.98%	In House
MAXIMUM LIMIT OF IMPURITIES			
Water	0.005%	0.0038%	Ph Eur
Acidity (CH ₃ COOH)	0.01%	0.00096%	Analar
Alkalinity (NH ₃)	0.001%	NIL	ACS
Non volatile matter	0.005%	0.0002%	Analar
Cyanide (CN)	0.005%	<0.005%	Analar
Copper (Cu)	0.00005%	0.00002%	Vogel's
Iron (Fe)	0.00002%	0.00001%	Vogel's
Lead (Pb)	0.00002%	NIL	ACS

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY STANDARD AS STATED ABOVE.

Measured values given in this Certificate of Analysis are the results determined at the time of Analysis.

The above data do not relieve the user from analysing the product upon receipt. Any legally binding assurance regarding the suitability of the product for any particular purpose or use can not be derived thereof.

The results relate only to the sample tested.

This certificate shall not be reproduced except in full, without written consent of the Lab management.

This product is manufactured at our manufacturing unit no. 2 (POICHA)

For S D FINE-CHEM LIMITED

Sampling SOP No./ : SDFCL-POI-SOP-001
√N+1

Sampling Plan

(Authorised Signatory)

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QUALITY CONTROL LABORATORY

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Manufacturing Unit No.1:E27/E28,MIDC,Tarapur Industrial Area, B-Road, Boisar-401506,Palghar,Maharashtra

Manufacturing Unit No.2: Survey No. 299, Poicha (R)-391 780, Taluka Savli, Baroda, Gujarat