SDFCL
s d fine-chem limited
Regd. Office : 315,T. V. Industrial Estate,248,Worli Road,Mumbai-400030,India
Admin Office :1502,Marathon Icon,Veer Santaji Marg,Lower Parel,Mumbai-400013,India
Phone: +91-22-24814444
e-mail: technical@sdfine.com Web site :- www.sdfine.com

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY

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

LAB. ID :	**2425/03065**	**CERTIFICATE NO.** :	**270325/01**
NAME OF PRODUCT :	**ACETONITRILE FOR ULC-MS GRADE**		
BATCH NO :	**D25A/0125/2703/70**	**DATE OF REPORTING** :	**27-04-2025**
PRODUCT CODE :	**21301**	**SPECIFICATION REF.** :	**21301-SP-03**
MFG. DATE :	**Apr-2025**	**RETEST DATE** :	**Mar-2028**

CASR NO : 75-05-8

CH_3CN M.W. : 41.05

TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
Description	A clear colourless liquid , not more than 10 APHA in colour.	Complies	Ph Eur
Solubility	50% solution in water is clear & colourless	Complies	Ph Eur
Minimum Assay (GC)	99.9%	99.98%	In house
Wt.per ml at 20°C	0.781 - 0.783 g	0.782	Ph Eur
Refractive Index $(n)_D20$	1.343 - 1.345	1.344	Ph Eur
UV Transmission (Min%) :			Ph Eur
191 nm	30%	42.7%	
195 nm	85%	85.0%	
200 nm	97%	97.0%	
215 nm	98%	98.0%	
230 nm & on words	99%	99.2%	
MAXIMUM LIMITS OF IMPURITIES :			
Water	0.01%	0.009%	Ph Eur
Acidity (as CH3COOH)	0.001%	0.0002%	Analar
Alkalinity (as NH3)	0.0001%	NIL	Analar
Residue on evaporation	0.0002%	0.0001%	ACS
Gradient test :			Ph Eur
Highest peak at 210 nm	1.0 mAU	< 1.0 mAU	
Highest peak at 254 nm	0.3 mAU	< 0.3 mAU	
Potassium (K)	0.000005%	< 0.000005%	ACS
Sodium (Na)	0.000005%	< 0.000005%	ACS
Calcium (Ca)	0.000005%	< 0.000005%	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./ Sampling Plan : **SDFCL-POI-SOP-001 $\sqrt{N+1}$**

(Authorised Signatory)

..... END OF REPORT.....

(This is a computer printed report, valid without signature)

QUALITY CONTROL LABORATORY