

## CERTIFICATE OF ANALYSIS

LAB. ID	: 2425/03056	CERTIFICATE NO. :	210325/08
NAME OF PRODUCT	: ACETONITRILE FOR ULC-MS		
BATCH NO	: C25A/0825/2103/70		
PRODUCT CODE	: 801027702		
MFG. DATE	: Mar-2025	EXP. DATE :	Feb-2028

CASR NO : 75-05-8

CH<sub>3</sub>CN

M.W. : 41.05

TEST	SPECIFICATIONS	RESULTS
Description	A clear colourless liquid not more than 5 APHA in colour,	Complies
Solubility	50% solution in water is clear & colourless.	Complies
Minimum assay (By GC, on anhydrous basis)	99.97%	99.98%
UV Transmission (Min. % T ) at		
191 nm	30%	43.1%
195 nm	85%	85.0%
200 nm	97%	97.0%
215 nm	98%	98.0%
>230 nm	99%	99.0%
<b>MAXIMUM LIMITS OF IMPURITIES :</b>		
Water (KF)	0.01%	0.01%
Acidity (as CH <sub>3</sub> COOH)	0.001%	0.0003%
Alkalinity (as NH <sub>3</sub> )	0.0001%	NIL
Residue after Evaporation (w/w)	0.0001%	0.00002%
Gradient test : Highest peak at		
210 nm	0.001 AU	<0.001AU
254 nm	0.0003 AU	<0.0003AU
Grad. Elution Drift Max. at		
210 nm	0.006AU	<0.006AU
254 nm	0.002AU	<0.002AU
Fluorescence (as Quiene)		
at 254	0.3 ppb	<0.3 ppb
Aluminium (Al)	20 ppb	<20 ppb
Calcium (Ca)	50 ppb	<50 ppb
Iron (Fe)	20 ppb	<20 ppb
Potassium (K)	50 ppb	<50 ppb
Sodium (Na)	50 ppb	<50 ppb
Magnesium (Mg)	20 ppb	<20 ppb
Copper (Cu)	Not detected	Not detected

**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.**

QTY : 240 X 2.5 Ltr

QUALITY MANAGER

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

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