

## CERTIFICATE OF ANALYSIS

<b>LAB. ID</b>	: 2425/03037	<b>CERTIFICATE NO. :</b>	180325/01
<b>NAME OF PRODUCT</b>	: ACETONITRILE FOR HPLC GRADIENT GRADE		
<b>BATCH NO</b>	: C25A/0125/1803/58		
<b>PRODUCT CODE</b>	: 801025702		
<b>MFG. DATE</b>	: Mar-2025	<b>EXP. DATE :</b>	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
Minimum assay ( GC, on anhydrous basis)	99.95%	99.98%
UV Transmission (Min. % T ) at		
193 nm	60%	67.7%
195 nm	80%	83.8%
200 nm	95%	96.3%
220 nm	98%	98.3%
230 nm	98%	99.1%
254 nm	99%	99.8%
LC-Gradient elution test :		
Highest peak at 210 nm	0.002 AU max.	<0.002 AU
Drift at 210 nm	0.01 AU max.	<0.01 AU
Highest peak at 254 nm	0.0005 AU max.	<0.0005 AU
Drift at 254 nm	0.003 AU max.	<0.003 AU
Fluorescence (as Quinine)		
at 254 nm	0.5 ppb max.	<0.5 ppb
at 365 nm	0.5 ppb max.	<0.5 ppb
<b>MAXIMUM LIMITS OF IMPURITIES :</b>		
Water (By KF)	0.02%	0.014%
Residue after Evaporation	0.0002%	0.0001%
Acidity (as CH <sub>3</sub> COOH)	0.002%	0.0002%
Alkalinity (as NH <sub>3</sub> )	0.0002%	Nil

**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.**