



## CERTIFICATE OF ANALYSIS

LAB. ID : 2425/03060 CERTIFICATE NO.: 240325/01  
NAME OF PRODUCT : METHANOL FOR ULC-MS  
BATCH NO : C25A/0125/2403/70  
PRODUCT CODE : 813027702  
MFG. DATE : Mar-2025 EXP. DATE : Feb-2028

CASR NO : 67-56-1

CH<sub>3</sub>OH

M.W. : 32.04

### TEST

### SPECIFICATIONS

### RESULTS

Description	Clear colourless liquid not more than 5 APHA in colour,	Complies
Minimum assay ( GC, on anhydrous basis)	99.98%	99.99%
Boiling Point	About 64.7 °C	64.7 °C
<b>MAXIMUM LIMITS OF IMPURITIES :</b>		
Water	0.03%	0.015%
Acidity (as CH <sub>3</sub> COOH)	0.002%	0.0002%
Alkalinity (as NH <sub>3</sub> )	0.0001%	NIL
Residue on Evaporation	0.0001%w/w	0.0001%w/w
Sodium (Na)	50 ppb	<50 ppb
Potassium (K)	50 ppb	<50 ppb
Magnesium (Mg)	20 ppb	<20 ppb
Aluminium (Al)	20 ppb	<20 ppb
Calcium (Ca)	50 ppb	<50 ppb
Iron (Fe)	20 ppb	<20 ppb
<b>Fluorescence (as Quinine)</b>		
254 nm	≤0.5 ppb	<0.5 ppb
365 nm	≤0.3 ppb	<0.3 ppb
MS-ESI+(as Reserpine)	6 ppb	<6 ppb
<b>UV Transmission (% T )</b>		
210 nm	≥40%	40.0%
220 nm	≥65%	65.0%
230 nm	≥80%	87.2%
235 nm	≥85%	91.4%
260 nm	≥98%	98.6%
<b>HPLC- Gradient elution test :</b>		
<b>Highest peak at</b>		
220 nm	0.004 AU	<0.004 AU
235 nm	0.002 AU	<0.002 AU
254 nm	0.001 AU	<0.001 AU
<b>Gradient elution Drift Max.</b>		
Drift at 220 nm	0.05 AU	<0.05 AU
Drift at 235 nm	0.015 AU	<0.015 AU

**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 : 120 X 2.5 Ltr

QUALITY MANAGER

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

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