

SPECIFICATION SHEET



PRODUCT DETAILS

METHANOL GRADIENT HPLC

CAS No	67-56-1
Molecular Formula	CH ₃ OH
Molecular Weight (g/mol)	32.04
Product Code (2.5 lit)	910207L2D5
Specification no	910207/R2/14
Effective date	19-01-2026
Review date	18-01-2031

TEST

SPECIFICATION

Description	A clear, colourless liquid with a characteristic odour.
Miscibility	Miscible with water, ethanol, ether, benzene, ketones and other organic solvents.
Assay (GC)	Min. 99.8%
Weight per ml at 20 °C	0.791 - 0.792 g
Acidity (as HCOOH)	max. 0.001%
Alkalinity (as NH ₃)	max. 0.0002%
Residue after evaporation	max. 0.0005%
Water (by KF)	max. 0.05%
UV Transmittance(1 cm cell vs water)	
Wavelength	Transmittance
210 nm	max. 30 %
220 nm	max. 60 %
230 nm	max. 75 %
240 nm	max. 85 %
250 nm	max. 95 %
260 nm	max. 98 %
Gradient Elution test	
235 nm	max. 5 mAU
254 nm	max. 2 mAU

(Filtered through 0.2 micron and packed under dry nitrogen)

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