

# Technical Datasheet

**Article no.: 1481**

**Methanol gradient grade for HPLC (min. 99.85 %)**

CH<sub>3</sub>OH

For laboratory use.

CAS-No: 67-56-1  
Appearance/condition: Clear, colourless liquid  
Melting point: -98 °C  
Boiling point: 64.1 – 65.1 °C  
Density (20 °C): 0.791 – 0.793 g/ml  
Molar mass: 32.04 g/mol

Parameter	Value
Assay (GC)	max. 99.85 %
Refractive index (20 °C)	1.327 – 1.331
Water (KF)	max. 200 ppm
Residue on evaporation	max. 5 ppm
Free acids (as HCOOH)	max. 1 ppm
Free Alkali (as NH <sub>3</sub> )	max. 1 ppm
Carbonyl compounds (as CH <sub>3</sub> COCH <sub>3</sub> )	max. 20 ppm
Gradient elution H. Peak at 235 nm	max. 2 mAU
Gradient elution H. Peak at 254 nm	max. 1 mAU
UV-Transmission at 210 nm	min. 30 %
UV-Transmission at 220 nm	min. 50 %
UV-Transmission at 235 nm	min. 80 %
UV-Transmission at 260 nm	min. 98 %
Ethanol (C <sub>2</sub> H <sub>5</sub> OH)	max. 200 ppm
Filtered through 0.2 µm	

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Version No. 03/2025-05-02