

TECHNICAL DATASHEET

Article no.: 1481

Methanol gradient grade für die HPLC (min. 99,85 %)
 CH₃OH

For laboratory use.

| Parameter | Specification |
|--|--------------------|
| Appearance | colourless liquid |
| Boiling point | 64.1 – 65.1 °C |
| Melting point | -98 °C |
| Density (20 °C) | 0.790 – 0.793 g/ml |
| Mol.-Weight | 32.04 g/mol |
| CAS no. | 67-56-1 |
| Refractive index (20 °C) | 1.327 – 1.331 |
| Water (KF) | max. 300 mg/kg |
| Non-volatile substances | max. 5 mg/kg |
| Free acids (as HCOOH) | max. 10 mg/kg |
| Free alkali (as NH ₃) | max. 1 mg/kg |
| Carbonyl compounds (as CH ₃ COCH ₃) | max. 20 mg/kg |
| HPLC gradient test | complies |
| HPLC gradient (peak) at 235 nm | max. 2 mAU |
| HPLC gradient (peak) at 254 nm | max. 1 mAU |
| UV transmittance at 210 nm | min. 30 % |
| UV transmittance at 220 nm | min. 50 % |
| UV transmittance at 235 nm | min. 80 % |
| UV transmittance at 260 nm | min. 98 % |
| Ethanol (C ₂ H ₅ OH) | max. 200 mg/kg |
| Colour (Hazen) | max. 10 |

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| Filtered through 0.2 µm | |