

# Technical Datasheet

## Article No. 1455

Methanol ultragradient grade for HPLC, Reag. Ph. Eur.  
min. 99.9 % CH<sub>3</sub>OH

For laboratory use.

Parameter	Value
Appearance	clear liquid
Density (20 °C)	0.7910–0.7930 g/ml
Boiling point	65 °C
Melting point	-98 °C
Mol.-Weight	32.04 g/mol
Colour (APHA)	max. 10
Identity	complies
Refractive index (20 °C)	1.3270–1.3300
Distillation range	64.1–65.1 °C
Acidity	max. 0.0003 meq/g
Alkalinity	max. 0.00006 meq/g
Water (KF)	max. 0.02 %
Residue on evaporation	max. 5 ppm
Carbonyl compounds (as CH <sub>3</sub> COCH <sub>3</sub> )	max. 20 ppm
Ethanol (C <sub>2</sub> H <sub>5</sub> OH)	max. 50 ppm
Substances reducing KMnO <sub>4</sub> (as O)	max. 2 ppm
Fluorescence at 254 nm	max. 1 ppb
Fluorescence at 365 nm	max. 1 ppb
UV-transmittance at 210 nm	min. 30 %
UV-transmittance at 220 nm	min. 55 %
UV-transmittance at 225 nm	min. 65 %
UV-transmittance at 235 nm	min. 85 %
UV-transmittance at 240 nm	min. 90 %
UV-transmittance at 250 nm	min. 95 %
UV-transmittance at 260 nm	min. 98 %

# Technical Datasheet

---

**Article No. 1455**

**Methanol ultragradient grade for HPLC, Ph. Eur.  
min. 99.9 % CH<sub>3</sub>OH**

**For laboratory use.**

Parameter	Value
HPLC gradient (peak) at 235 nm	max. 2 mAU
HPLC gradient (peak) at 254 nm	max. 1 mAU
HPLC gradient test	conform
Filtered through 0.2 µm	
Conforms Reag. Ph. Eur.	
R 1053200	
R1 1053201	
R2 1053202	