



Specification

1.06007.4000 Methanol gradient grade for liquid chromatography LiChrosolv®
Reag. Ph Eur

Specification		
Purity (GC)	≥ 99.9	%
Identity (IR)	conforms	
Evaporation residue	≤ 2.0	mg/l
Water	≤ 0.02	%
Color	≤ 10	Hazen
Density (d 20 °C/20 °C)	0.791 - 0.793	
Boiling point	64 - 65	°C
Acidity	≤ 0.0002	meq/g
Alkalinity	≤ 0.0002	meq/g
Gradient grade (at 235 nm)	≤ 2.0	mAU
Gradient grade (at 254 nm)	≤ 1.0	mAU
Fluorescence (as quinine at 254 nm)	≤ 1.0	ppb
Fluorescence (as quinine at 365 nm)	≤ 0.5	ppb
Transmission (at 210 nm)	≥ 20	%
Transmission (at 220 nm)	≥ 60	%
Transmission (at 230 nm)	≥ 75	%
Transmission (at 235 nm)	≥ 83	%
Transmission (at 250 nm)	≥ 95	%
Transmission (from 260 nm)	≥ 98	%
Absorbance (at 225 nm)	≤ 0.170	

Filtered by 0.2 µm filter.

Suitable for UPLC / UHPLC / Ultra HPLC - instruments.

Conforms to Methanol R1 and R2 according to Reag. Ph Eur;
conforms to the requirements of ACS for liquid chromatography suitability.

Jeannette David

Responsible laboratory manager quality control

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