Certificate of Analysis

1.06007.0000 Methanol gradient grade for liquid chromatography LiChrosolv® Reag. Ph Eur

Batch I1473107

	Batch Values	
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)	0.793	
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)	0.127	
Absorbance (at 210 nm)	≤ 0.70	
Absorbance (at 220 nm)	≤ 0.30	
Absorbance (at 230 nm)	≤ 0.13	
Absorbance (at 240 nm)	≤ 0.07	
Absorbance (at 250 nm)	≤ 0.02	
Absorbance (from 260 nm)	≤ 0.01	

Filtered by 0.2 µm filter.
Suitable for UPLC / UHPLC / Ultra HPLC - instruments.

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

Date of release (DD.MM.YYYY) 17.02.2026
Minimum shelf life (DD.MM.YYYY) 28.02.2029

Jeannette David
Responsible laboratory manager quality control

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