

# Technical Datasheet

**Article no.: 1485**

**Methanol for UHPLC-MS (min. 99.97 %)**

CH<sub>3</sub>OH

For laboratory use.

Parameter	Value
CAS-Nr.	67-56-1
Appearance/condition	Colourless liquid
Melting point	-98 °C
Boiling point	64.1 – 65.1 °C
Density (20 °C)	0.790 – 0.793 g/ml
Molar mass	32.04 g/mol
Assay (GC, on anhydrous basis)	99.97 – 100.0 %
Water (KF)	max. 0.03 % w/w
Residue on evaporation	max. 0.0001 % w/w
LC-MS suitability test (reserpine)	max. 30 ppb
Absorption at 210 nm	max. 0.40 AU
Absorption at 220 nm	max. 0.20 AU
Absorption at 230 nm	max. 0.10 AU
Absorption at 254 nm	max. 0.02 AU
Fluorescence (as quinine) at 254 nm	max. 0.5 ppb
Fluorescence (as quinine) at 365 nm	max. 0.5 ppb
Gradient test at 220 nm	max. 4 mAU
Gradient test at 235 nm	max. 2 mAU
Acidity	max. 0.0004 meq/g
Alkalinity	max. 0.0001 meq/g
Aluminium (Al)	max. 20 ppb
Calcium (Ca)	max. 50 ppb

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Iron (Fe)	max. 20 ppb
Potassium (K)	max. 50 ppb
Magnesium (Mg)	max. 20 ppb
Sodium (Na)	max. 100 ppb
Lead (Pb)	max. 20 ppb
Filtered through 0.1 µm	
Filled under inert gas	