

Technical Datasheet

Article no.: 2279

Ethyl acetate for UHPLC-MS (min. 99.95 %)

CH₃COOC₂H₅

For laboratory use.

CAS-No: 141-78-6
Appearance/condition: Colourless liquid
Melting point: -83 °C
Boiling point: 76 – 78 °C
Density (20 °C): 0.898 – 0.902 g/ml
Molar mass: 88.11 g/mol

Parameter	Value
Assay (GC, on anhydrous basis)	min. 99.95 %
Colour (APHA)	max. 10
Water (KF)	max. 0.02 %
Residue on evaporation	max. 0.0002 %
UHPLC-MS suitability test	complies
UV-Absorption at 255 nm	max. 0.60 AU
UV-Absorption at 260 nm	max. 0.10 AU
UV-Absorption at 275 nm	max. 0.01 AU
Fluorescence at 254 nm (as quinine)	max. 2.0 ppb
Fluorescence at 365 nm (as quinine)	max. 1.0 ppb
Acidity	max. 0.0004 meq/g
Alkalinity	max. 0.0004 meq/g
Aluminium (Al)	max. 20 ppb
Calcium (Ca)	max. 50 ppb
Iron (Fe)	max. 20 ppb

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

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