

# Technical Datasheet

**Article No. 2278**

**Ethyl acetate for LC-MS (min. 99.95 %)**  
**CH<sub>3</sub>COOC<sub>2</sub>H<sub>5</sub>**

For laboratory use.

| Parameter                            | Value              |
|--------------------------------------|--------------------|
| Appearance                           | Colourless liquid  |
| Density (20 °C)                      | 0.898 – 0.902 g/ml |
| Molar mass                           | 88.11 g/mol        |
| Melting point                        | -83 °C             |
| Boiling point                        | 76 – 78 °C         |
| CAS-No.                              | 141-78-6           |
| Identity (IR)                        | complies           |
| Colour (Hazen)                       | max. 10            |
| Refractive index (20 °C)             | 1.370 – 1.374      |
| Water (KF)                           | max. 200 mg/kg     |
| Residue on evaporation               | max. 2 mg/kg       |
| Free acids (as CH <sub>3</sub> COOH) | max. 0.0030 %      |
| Free alkali (as NH <sub>3</sub> )    | max. 0.0005 %      |
| UV transmittance at 260 nm           | min. 75.0 %        |
| UV transmittance at 275 nm           | min. 97.0 %        |
| UV transmittance at 300 nm           | min. 98.0 %        |
| Aluminium (Al)                       | max. 0.000005 %    |
| Iron (Fe)                            | max. 0.000005 %    |
| Sodium (Na)                          | max. 0.000005 %    |
| Magnesium (Mg)                       | max. 0.000005 %    |
| Calcium (Ca)                         | max. 0.000005 %    |
| Potassium (K)                        | max. 0.000005 %    |
| Filtered through 0.2 µm              |                    |