

Technical Datasheet

Article no.: 2289

Acetic acid (glacial) p. a., Ph. Eur., BP (min. 99.0 %)
CH₃COOH

For laboratory use.

| Parameter | Value |
|--|--------------------------|
| CAS no. | 64-19-7 |
| Appearance/condition | Clear, colourless liquid |
| Melting point | 16.5 – 17 °C |
| Boiling point | 117 – 118 °C |
| Density | ~1.05 g/ml |
| Molar mass | 60.05 g/mol |
| Assay | 99.0 – 100.5 % w/w |
| Identity A, B | complies |
| Freezing point | min. 15.8 – 17.0 °C |
| Residue on evaporation | max. 0.01 % w/w |
| Substances reducing KMnO ₄ | complies |
| Reducing substances (0.1 M Na ₂ S ₂ O ₃) | max. 10.0 ml |
| Chloride (Cl) | max. 0.0025 % |
| Sulphate (SO ₄) | max. 0.005 % |
| Heavy metals (as Pb) | max. 0.0005 % |
| Iron (Fe) | max. 0.0005 % |
| Appearance of the solution (20 %) | complies |
| Density 1.052 – 1.053 g/ml | complies |
| Boiling point | 117 – 119 °C |
| Water | max. 0.4 % |

Version no. 2