

TECHNICAL DATASHEET

Article no.: 1179

2-Propanol für UHPLC-MS (min. 99,95 %)

CH₃CH(OH)CH₃

For laboratory use.

| Parameter | Specification |
|-------------------------------------|-------------------------|
| Appearance | Clear, colorless liquid |
| Density | 0.785 g/ml |
| Mol.-Weight | 60.10 g/mol |
| Boiling point | 81 – 83 °C |
| Melting point | - 89 °C |
| Assay (GC, on anhydrous basis) | 99.95 – 100.0 % |
| Colour (HAZEN) | max. 5 |
| Residue after evaporation | max. 0.0001 % w/w |
| Water (KF) | max. 0.05 % w/w |
| Acidity (as CH ₃ COOH) | max. 0.001 % |
| Alkalinity (as NH ₄) | max. 0.0001 % |
| LC-MS suitability test (reserpine) | max. 20 ppb |
| UV transmittance at 220 nm | min. 80 % |
| UV transmittance at 230 nm | min. 90 % |
| UV transmittance at 250 nm | min. 99 % |
| Fluorescence (as quinine) at 254 nm | max. 0.5 ppb |
| Fluorescence (as quinine) at 365 nm | max. 0.5 ppb |
| Gradient test at 235 nm | max. 1.0 mAU |
| Gradient test at 254 nm | max. 1.0 mAU |
| Silver (Ag) | max. 50 ppb |
| Aluminium (Al) | max. 20 ppb |

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| Barium (Ba) | max. 50 ppb |
| Bismuth (Bi) | max. 50 ppb |
| Calcium (Ca) | max. 50 ppb |
| Cadmium (Cd) | max. 50 ppb |
| Cobalt (Co) | max. 20 ppb |
| Chromium (Cr) | max. 20 ppb |
| Iron (Fe) | max. 20 ppb |
| Potassium (K) | max. 50 ppb |
| Lithium (Li) | max. 50 ppb |
| Magnesium (Mg) | max. 20 ppb |
| Manganese (Mn) | max. 20 ppb |
| Molybdenum (Mo) | max. 50 ppb |
| Sodium (Na) | max. 50 ppb |
| Nickel (Ni) | max. 20 ppb |
| Lead (Pb) | max. 20 ppb |
| Tin (Sn) | max. 50 ppb |
| Strontium (Sr) | max. 50 ppb |
| Zinc (Zn) | max. 50 ppb |
| Filtered through 0.1 µm | |
| Filled under inert gas | |