

Methanol, ULC-MS

CH₃OH FW. 32.04
 CAS-No. 67-56-1
 Code **UM1115**

Density 1 L = 0.790 Kg.
 Melting Point - 98 °C
 Boiling Point 64.5 °C

Specifications

| | | |
|--|----------------------------|----------|
| Assay (by GC.) | 99.98% | min. |
| Appearance | Clear and colorless liquid | |
| Identity (IR) | Passes test | |
| Color (APHA) | 5 | max. |
| Water (by Coulometry) | 0.02% | max. |
| Acidity (mEq./g.) | 0.0002 | max. |
| Alkalinity (mEq./g.) | 0.0001 | max. |
| Residue on Evaporation | 0.0001% | max. |
| Acetone (GC.) | 0.001% | max. |
| UV Transmission Levels (%T) | | |
| 250 nm | 99% | min. |
| 240 nm | 98% | min. |
| 230 nm | 90% | min. |
| 220 nm | 75% | min. |
| 210 nm | 65% | min. |
| Gradient Specification | | |
| at 220 nm | 4.0 | mAU max. |
| at 230 nm | 2.0 | mAU max. |
| at 235 nm | 2.0 | mAU max. |
| at 254 nm | 1.0 | mAU max. |
| Fluorescence (as quinine) | | |
| at 254 nm | 0.3 | ppb max. |
| at 365 nm | 0.3 | ppb max. |
| Aluminium (Al) | 5 | ppb max. |
| Barium (Ba) | 5 | ppb max. |
| Bismuth (Bi) | 10 | ppb max. |
| Cadmium (Cd) | 5 | ppb max. |
| Calcium (Ca) | 20 | ppb max. |
| Chromium (Cr) | 5 | ppb max. |
| Cobalt (Co) | 5 | ppb max. |
| Copper (Cu) | 5 | ppb max. |
| Iron (Fe) | 10 | ppb max. |
| Lead (Pb) | 5 | ppb max. |
| Lithium (Li) | 10 | ppb max. |
| Magnesium (Mg) | 5 | ppb max. |
| Manganese (Mn) | 5 | ppb max. |
| Molybdenum (Mo) | 10 | ppb max. |
| Nickel (Ni) | 5 | ppb max. |
| Potassium (K) | 5 | ppb max. |
| Silver (Ag) | 10 | ppb max. |
| Sodium (Na) | 20 | ppb max. |
| Strontium (Sr) | 10 | ppb max. |
| Tin (Sn) | 5 | ppb max. |
| Zinc (Zn) | 5 | ppb max. |
| Suitable for LC-MS (ESI positive as Reserpine) | 5 | ppb max. |
| Suitable for LC-MS (ESI negative as Reserpine) | 20 | ppb max. |

Suitable for UHPLC / Ultra HPLC / CC / SFC - instruments.

Product passed through 0.03 micron final filter and bottled under inert gas.

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