

Methanol, RCI Premium

CH₃OH FW. 32.04
 CAS-No. 67-56-1
 Code RP1115

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

Specifications

(Meet A.C.S. Specifications)

Assay (by GC.)	99.9% min.
Identity (IR)	Passes test
Appearance	Clear
Color (APHA)	10 max.
Water (by Coulometry)	0.05% max.
Acidity (mEq./g.)	0.0002 max.
Alkalinity (mEq./g.)	0.0002 max.
Residue on Evaporation	0.0005% max.
Acetone (GC.)	0.001% max.
Acetaldehyde (GC.)	0.001% max.
Benzene (GC.)	0.001% max.
Ethanol (GC.)	0.05% max.
Carbonyl Compounds (as CH ₃ CHO)	0.001% max.
Formaldehyde	0.001% max.
Readily carbonizable substances	Passes test
Solubility in water	Passes test
Substances reducing permanganate	Passes test
Chloride (Cl)	0.5 ppm max.
Sulfate (SO ₄)	1 ppm max.
Aluminium (Al)	0.2 ppm max.
Arsenic (As)	0.02 ppm max.
Barium (Ba)	0.05 ppm max.
Beryllium (Be)	0.02 ppm max.
Bismuth (Bi)	0.02 ppm max.
Cadmium (Cd)	0.02 ppm max.
Calcium (Ca)	0.2 ppm max.
Chromium (Cr)	0.01 ppm max.
Cobalt (Co)	0.01 ppm max.
Copper (Cu)	0.01 ppm max.
Gallium (Ga)	0.02 ppm max.
Gold (Au)	0.02 ppm max.
Indium (In)	0.02 ppm max.
Iron (Fe)	0.05 ppm max.
Lead (Pb)	0.05 ppm max.
Lithium (Li)	0.02 ppm max.
Magnesium (Mg)	0.05 ppm max.
Manganese (Mn)	0.01 ppm max.
Molybdenum (Mo)	0.02 ppm max.
Nickel (Ni)	0.01 ppm max.
Platinum (Pt)	0.05 ppm max.
Silver (Ag)	0.02 ppm max.
Thallium (Tl)	0.02 ppm max.
Tin (Sn)	0.05 ppm max.
Titanium (Ti)	0.02 ppm max.
Vanadium (V)	0.02 ppm max.
Zinc (Zn)	0.05 ppm max.
Zirconium (Zr)	0.02 ppm max.

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