

## Toluene, RCI Premium

C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub>                      FW. 92.14  
 CAS-No.                              108-88-3  
 Code                                      **RP1347**

Density 1 L = 0.870 Kg.  
 Melting Point - 95 °C  
 Boiling Point 110.6 °C

### Specifications

(Meet A.C.S. Specifications)

Assay (by GC.)	99.8% min.
Identity (IR)	Passes test
Appearance	Clear
Color (APHA)	10 max.
Water (by Coulometry)	0.03% max.
Acidity (mEq./g.)	0.0002 max.
Alkalinity (mEq./g.)	0.0004 max.
Residue on Evaporation	0.0005% max.
Sulfur Compounds (S)	0.003% max.
Benzene (GC.)	0.02% max.
Thiophene	0.0001% max.
Substances darkened by sulfuric acid	Passes test
Chloride (Cl)	0.5 ppm max.
Sulfate (SO <sub>4</sub> )	1 ppm max.
Aluminium (Al)	0.2 ppm max.
Arsenic (As)	0.02 ppm max.
Antimony (Sb)	0.02 ppm max.
Barium (Ba)	0.05 ppm max.
Beryllium (Be)	0.02 ppm max.
Bismuth (Bi)	0.1 ppm max.
Boron (B)	0.02 ppm max.
Cadmium (Cd)	0.05 ppm max.
Calcium (Ca)	0.2 ppm max.
Chromium (Cr)	0.02 ppm max.
Cobalt (Co)	0.02 ppm max.
Copper (Cu)	0.02 ppm max.
Gallium (Ga)	0.02 ppm max.
Gold (Au)	0.05 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)	0.02 ppm max.
Molybdenum (Mo)	0.05 ppm max.
Nickel (Ni)	0.02 ppm max.
Platinum (Pt)	0.02 ppm max.
Silver (Ag)	0.02 ppm max.
Thallium (Tl)	0.05 ppm max.
Tin (Sn)	0.1 ppm max.
Titanium (Ti)	0.05 ppm max.
Vanadium (V)	0.05 ppm max.
Zinc (Zn)	0.05 ppm max.
Zirconium (Zr)	0.02 ppm max.

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