

1,4-Dioxan, RCI Premium

C₄H₈O₂ FW. 88.11
 CAS-No. 123-91-1
 Code **RP1059B**

Density 1 L = 1.030 Kg.
 Melting Point 12 °C
 Boiling Point 101.5 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by GC.)	99.8% min.
Identity (IR)	Passes test
Color (APHA)	10 max.
Water (by Coulometry)	0.05% max.
Acidity (mEq./g.)	0.0005 max.
Residue on Evaporation	0.001% max.
Acetaldehyde	0.05% max.
Formaldehyde	0.005% max.
Carbonyl (as HCHO)	0.01% max.
Peroxide (as H ₂ O ₂)	0.005% max.
Freezing point (°C)	Not below 11.0 °C
Aluminium (Al)	0.2 ppm max.
Barium (Ba)	0.05 ppm max.
Boron (B)	0.01 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.
Iron (Fe)	0.05 ppm max.
Lead (Pb)	0.05 ppm max.
Magnesium (Mg)	0.05 ppm max.
Manganese (Mn)	0.01 ppm max.
Nickel (Ni)	0.01 ppm max.
Tin (Sn)	0.05 ppm max.
Zinc (Zn)	0.05 ppm max.

Stabilized with about 25 ppm BHT.

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S-QC03-RP-S-S220 / RV.00 / Eff.date 01-11-12