

1,4-Dioxan, RCI Premium

C ₄ H ₈ O ₂	FW. 88.11	Density 1 L = 1.030 Kg.
CAS-No.	123-91-1	Melting Point 12 °C
Code	RP1059B	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.
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.