

Butan-1-ol, RCI Premium

CH₃(CH₂)₃OH FW. 74.12
 CAS-No. 71-36-3
 Code **RP1024**

Density 1 L = 0.810 Kg.
 Melting Point - 89.5 °C
 Boiling Point 117 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by GC.)	99.5%	min.
Identity (IR)	Passes test	
Appearance	Passes test	
Color (APHA)	10	max.
Water (by Coulometry)	0.1%	max.
Acidity (mEq./g.)	0.0008	max.
Residue on Evaporation	0.001%	max.
2-Butanol (GC.)	0.05%	max.
Butyl ether (GC.)	0.1%	max.
Butyraldehyde (GC.)	0.01%	max.
Dibutyl ether (GC.)	0.1%	max.
Isobutanol (GC.)	0.15%	max.
Aldehydes & Ketones	0.002%	max.
Carbonyl Compounds (as butyraldehyde)	0.01%	max.
Readily carbonizable substances	Passes test	
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.

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