Technical Datasheet

Article No. 1138

2-Propanol VLSI
99.8–100.0 % $CH_3CH(OH)CH_3$

For laboratory use.

Parameter	Value
Appearance	Clear, colourless liquid
Density (20 °C)	0.785 g/ml
Mol.-Weight	60.1 g/mol
Melting point	-89.5 °C
Boiling point	81–83 °C
Assay	min. 99.8 %
Colour (APHA)	max. 10
Residue on evaporation	max. 0.0003 %
Water (KF)	max. 0.05 %
Acidity (as CH_3COOH)	max. 0.001 %
Alkalinity (as NH_3)	max. 0.0002 %
Chloride (Cl)	max. 0.1 ppm
Phosphate (PO_4)	max. 0.3 ppm
Silver (Ag)	max. 10 ppb
Aluminium (Al)	max. 20 ppb
Arsenic (As)	max. 10 ppb
Gold (Au)	max. 10 ppb
Boron (B)	max. 10 ppb
Barium (Ba)	max. 10 ppb
Beryllium (Be)	max. 10 ppb
Bismuth (Bi)	max. 30 ppb
Calcium (Ca)	max. 30 ppb
Cadmium (Cd)	max. 20 ppb

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St.-Nr. 2870/70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungs-GmbH, Renningen
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Thomas Roth

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Parameter	Value
Cobalt (Co)	max. 20 ppb
Chromium (Cr)	max. 20 ppb
Copper (Cu)	max. 10 ppb
Iron (Fe)	max. 25 ppb
Gallium (Ga)	max. 20 ppb
Germanium (Ge)	max. 20 ppb
Mercury (Hg)	max. 0.1 ppm
Potassium (K)	max. 50 ppb
Lithium (Li)	max. 30 ppb
Magnesium (Mg)	max. 20 ppb
Manganese (Mn)	max. 15 ppb
Molybdenum (Mo)	max. 20 ppb
Sodium (Na)	max. 50 ppb
Niobium (Nb)	max. 20 ppb
Nickel (Ni)	max. 10 ppb
Lead (Pb)	max. 20 ppb
Antimony (Sb)	max. 10 ppb
Silicon (Si)	max. 30 ppb
Tin (Sn)	max. 20 ppb
Strontium (Sr)	max. 20 ppb
Tantalum (Ta)	max. 20 ppb
Titanium (Ti)	max. 20 ppb
Thallium (Ti)	max. 10 ppb
Vanadium (V)	max. 20 ppb
Zinc (Zn)	max. 30 ppb

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Parameter	Value
Zirconium (Zr)	max. 30 ppb
Particle count > 0.5 µm	max. 100 P/ml
Particle count > 1.0 µm	max. 10 P/ml
Filtered through 0.2 µm	
Filled under inert gas	

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