

2-Propanol
VLSI
(iso-propyl alcohol)



Material No.: 5373-05
Revision No.: 0

Product Specification

Test	Specification
Assay ($\text{CH}_3\text{CHOHCH}_3$)	$\geq 99,5 \%$
Color (APHA)	≤ 10
Residue after Evaporation	$\leq 4 \text{ ppm}$
Solubility in H_2O	Passes Test
Water (H_2O)(by Karl Fischer titrn)	$\leq 0,05 \%$
Acidity ($\mu\text{eq/g}$)	$\leq 0,2$
Alkalinity ($\mu\text{eq/g}$)	$\leq 0,1$
Chloride (Cl)	$\leq 0,2 \text{ ppm}$
Phosphate (PO_4)	$\leq 0,3 \text{ ppm}$
Trace Impurities - Aluminum (Al)	$\leq 50,0 \text{ ppb}$
Arsenic and Antimony (as As)	$\leq 10,0 \text{ ppb}$
Trace Impurities - Barium (Ba)	$\leq 20,0 \text{ ppb}$
Trace Impurities - Boron (B)	$\leq 10,0 \text{ ppb}$
Trace Impurities - Cadmium (Cd)	$\leq 20,0 \text{ ppb}$
Trace Impurities - Calcium (Ca)	$\leq 50,0 \text{ ppb}$
Trace Impurities - Chromium (Cr)	$\leq 20,0 \text{ ppb}$
Trace Impurities - Cobalt (Co)	$\leq 20 \text{ ppb}$
Trace Impurities - Copper (Cu)	$\leq 10,0 \text{ ppb}$
Trace Impurities - Gallium (Ga)	$\leq 50 \text{ ppb}$
Trace Impurities - Germanium (Ge)	$\leq 50,0 \text{ ppb}$
Trace Impurities - Gold (Au)	$\leq 20 \text{ ppb}$
Heavy Metals (as Pb)	$\leq 200,0 \text{ ppb}$
Trace Impurities - Iron (Fe)	$\leq 50,0 \text{ ppb}$
Trace Impurities - Lead (Pb)	$\leq 20,0 \text{ ppb}$
Trace Impurities - Lithium (Li)	$\leq 50,0 \text{ ppb}$
Trace Impurities - Magnesium (Mg)	$\leq 20 \text{ ppb}$
Trace Impurities - Manganese (Mn)	$\leq 20,0 \text{ ppb}$
Trace Impurities - Nickel (Ni)	$\leq 10,0 \text{ ppb}$

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For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

2-Propanol
VLSI
(iso-propyl alcohol)



Material No.: 5373-05

Test	Specification
Trace Impurities - Potassium (K)	≤ 100 ppb
Trace Impurities - Silicon (Si)	≤ 50 ppb
Trace Impurities - Silver (Ag)	≤ 20,0 ppb
Trace Impurities - Sodium (Na)	≤ 100,0 ppb
Trace Impurities - Strontium (Sr)	≤ 20,0 ppb
Trace Impurities - Tin (Sn)	≤ 100 ppb
Trace Impurities - Titanium (Ti)	≤ 20 ppb
Trace Impurities - Zinc (Zn)	≤ 50 ppb
Particle Count - 0.5 µm and greater	≤ 100 par/ml
Particle Count - 1.0 µm and greater	≤ 8 par/ml

For Microelectronic Use

Reported value is the average of all samples counted for this lot number, with no individual sample value exceeding the specification.

Packaging Site: Paris Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

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