

Material	20842.367
Material description	2-Propanol
Grade	AnalaR NORMAPUR Reag. Ph.Eur., Reag. USP, ACS
CAS Number	67-63-0
Molecular formula	(CH ₃) ₂ CHOH
Molecular mass	60.10

Characteristics	Specifications
Assay (on anhydrous substance)	Min. 99.7 %
Benzene and related substances	Passes test
IR Spectrum	Passes test
Peroxides	Passes test
Solubility in water	Passes test ACS
Acidity	Max. 0.0001 meq/g
Alkalinity	Max. 0.0001 meq/g
Boiling point	81.5 --> 82.6 °C
Colouration	Max. 10 APHA
Density (20/4)	0.784 --> 0.786
Density (20/20)	0.785 --> 0.787
Density (25/25)	0.783 --> 0.790
n _{20/D}	1.376 --> 1.378
Substances coloured by H ₂ SO ₄	Max. 60 APHA
Aldehydes (as CH ₃ CHO)	Max. 2 ppm
Carbonyl compounds (as acetone)	Max. 20 ppm
Carbonyl compounds (as propionaldehyde)	Max. 20 ppm
Ethanol	Max. 100 ppm
Evaporation residue	Max. 10 ppm
Formaldehyde	Max. 2 ppm
Methanol	Max. 100 ppm
Substances reducing KMnO ₄ (as O)	Max. 5 ppm
Water	Max. 0.1 %
Al (Aluminium)	Max. 0.1 ppm
B (Boron)	Max. 0.02 ppm
Ba (Barium)	Max. 0.05 ppm
Ca (Calcium)	Max. 0.2 ppm
Cd (Cadmium)	Max. 0.01 ppm

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Characteristics	Specifications
Co (Cobalt)	Max. 0.01 ppm
Cr (Chromium)	Max. 0.01 ppm
Cu (Copper)	Max. 0.01 ppm
Fe (Iron)	Max. 0.05 ppm
K (Potassium)	Max. 0.1 ppm
Mg (Magnesium)	Max. 0.05 ppm
Mn (Manganese)	Max. 0.01 ppm
Na (Sodium)	Max. 0.2 ppm
Ni (Nickel)	Max. 0.01 ppm
Pb (Lead)	Max. 0.01 ppm
Sn (Tin)	Max. 0.05 ppm
Sr (Strontium)	Max. 0.05 ppm
Zn (Zinc)	Max. 0.01 ppm
Conforms to ACS	Passes test
Conforms to Reag. Ph.Eur.	Passes test
Conforms to Reag. USP	Passes test

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

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