

Material	20842.323
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)	≥ 99.7 %
Benzene and related substances	Passes test
IR Spectrum	Passes test
Peroxides	Passes test
Solubility in water	Passes test ACS
Acidity	≤ 0.0001 meq/g
Alkalinity	≤ 0.0001 meq/g
Boiling point	81.5 - 82.6 °C
Colouration	≤ 10 APHA
Density (20/4)	0.784 - 0.786
Density (20/20)	0.785 - 0.787
Density (25/25)	0.783 - 0.790
Refractive index (20°C)	1.376 - 1.378
Substances coloured by H ₂ SO ₄	≤ 60 APHA
Aldehydes (as CH ₃ CHO)	≤ 2 ppm
Carbonyl compounds (as acetone)	≤ 20 ppm
Carbonyl compounds (as propionaldehyde)	≤ 20 ppm
Ethanol	≤ 100 ppm
Evaporation residue	≤ 10 ppm
Formaldehyde	≤ 2 ppm
Methanol	≤ 100 ppm
Substances reducing KMnO ₄ (as O)	≤ 5 ppm
Water	≤ 0.1 %
Al (Aluminium)	≤ 0.1 ppm
B (Boron)	≤ 0.02 ppm
Ba (Barium)	≤ 0.05 ppm
Ca (Calcium)	≤ 0.2 ppm
Cd (Cadmium)	≤ 0.01 ppm
>>> Continued on page 2 >>>	

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.



Characteristics	Specifications
Co (Cobalt)	≤ 0.01 ppm
Cr (Chromium)	≤ 0.01 ppm
Cu (Copper)	≤ 0.01 ppm
Fe (Iron)	≤ 0.05 ppm
K (Potassium)	≤ 0.1 ppm
Mg (Magnesium)	≤ 0.05 ppm
Mn (Manganese)	≤ 0.01 ppm
Na (Sodium)	≤ 0.2 ppm
Ni (Nickel)	≤ 0.01 ppm
Pb (Lead)	≤ 0.01 ppm
Sn (Tin)	≤ 0.05 ppm
Sr (Strontium)	≤ 0.05 ppm
Zn (Zinc)	≤ 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.

Isabelle Habay, Head of Laboratory - Briare
VWR International S.A.S.; Z.I. de Vaugereau; FR-45250
Briare; France

