

Material	20904.360
Material description	2-Propanol
Grade	Ph.Eur./USP
CAS Number	67-63-0
Molecular formula	(CH ₃) ₂ CHOH
Molecular mass	60.10

Additional information

Characteristics	Specifications
Appearance	Clear colourless liquid
Relative density	0.785 - 0.789
Residual solvents (CPMP/ICH/283/95)	Conforms
Residues of metal catalysts or reagents	Conforms
As (Arsenic)	≤ 0.1 ppm
Cd (Cadmium)	≤ 0.1 ppm
Co (Cobalt)	≤ 0.1 ppm
Hg (Mercury)	≤ 0.1 ppm
Ni (Nickel)	≤ 0.1 ppm
Pb (Lead)	≤ 0.1 ppm
V (Vanadium)	≤ 0.1 ppm
Conforms to Ph.Eur./USP	Passes test
Ph.Eur. specifications:	.
Identification B [Ph.Eur.]	1.376 - 1.379
Identification C	Passes test Ph.Eur.
Appearance test	Passes test Ph.Eur.
Acidity or alkalinity	Passes test Ph.Eur.
Absorbance (230 nm) [Ph.Eur.]	≤ 0.30
Absorbance (250 nm) [Ph.Eur.]	≤ 0.10
Absorbance (270 nm) [Ph.Eur.]	≤ 0.03
Absorbance (290 nm) [Ph.Eur.]	≤ 0.02
Absorbance (310 nm) [Ph.Eur.]	≤ 0.01
Absorption curve (*)	Passes test Ph.Eur.
Benzene [Ph.Eur.]	≤ 2 ppm
Total of impur. excl. 2-butanol [Ph.Eur.]	≤ 0.3 %
Peroxides	Passes test Ph.Eur.
Non-volatile substances [Ph.Eur.]	≤ 20 ppm
Water [Ph.Eur.]	≤ 0.5 %
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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
USP specifications:	.
Assay [USP]	≥ 99.0 %
Identification A	Passes test USP
Identification B	Passes test USP
Identification C	Passes test USP
Methanol [USP]	≤ 0.02 %
Each other indiv. known impurity [USP]	≤ 0.1 %
Individual unspecified impurity [USP]	≤ 0.1 %
Total impurities [USP]	≤ 1.0 %
Limit of nonvolatile residue [USP]	≤ 0.005 %
Specific gravity (25°C) [USP]	0.783 - 0.787
Refractive index (20°C) [USP]	1.376 - 1.378
Acidity	Passes test USP
Water determination [USP]	≤ 0.5 %

Signature
We certify that this batch conforms to the specifications listed above. This document has been produced electronically and is valid without a signature. Jessie Pijck, Head of Laboratory - Haasrode VWR International bv; Geldenaaksebaan 464; BE-3001 Leuven; Belgium

Additional information
Residues of metal catalysts or reagents: Conforms to EMEA/CHMP/SWP/4446/2000
Not for use as Active Pharmaceutical Ingredient (API)
(*) Absorption curve: The spectrum shows a steadily descending curve with no observable peaks or shoulders.
The material is tested, relabeled and repacked in a management system certified to EXCiPACT. Registration No. 530841 EXCI.