

Material 20904.470
 Material description 2-Propanol
 Grade Ph.Eur./USP

CAS Number 67-63-0
 Molecular formula $(\text{CH}_3)_2\text{CHOH}$
 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.

Anja Vanhalle, 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.