



Propan-2-ol

Synonyms:

2-Propanol , Isopropanol , IPA

CH₃CHOHCH₃

Classification

Danger

Molecular weight

60 ONU

1219



CAS

67-63-0 Transport hazard class:

3

EEC-N:

200-661-7 Packing

II

Propan-2-ol

> ERBApharm - According to pharmacopoeia :
Ph.Eur.-USP-Ph.Franc.-BP

Pharmaceutical

Description	Clear colourless liquid	-
Identification (I.R.)	Positive	-
Appearance of solution	Clear colourless*	Ph.Eur.
Acidity or alcalinity (ml NaOH 0,01M)	<= 0.6*	mL
Acidity (ml NaOH 0,020N)	<= 0.70*	mL
Peroxide (as H ₂ O ₂)	Conform	Ph.Eur.



Propan-2-ol**> ERBapharm - According to pharmacopoeia :
Ph.Eur.-USP-Ph.Franc.-BP****Pharmaceutical**

Density d ₂₀ /20	0.785 - 0.789*	-
Density d ₂₅ /25	0.783 - 0.787*	-
Refractive index at 20°C	1.376 - 1.378	-
Water (K.F.)	≤ 0.1	% (w/w)
Non volatile substances	≤ 20	ppm
Assay (GC)	≥ 99.9	%
Benzene and related compounds	-	Ph.Eur.
Benzene	≤ 2	ppm (Ph.Eur.)
Related compounds (total of impurities apart from 2-butanol) (GC)	≤ 0.3	%
Limit of volatile impurities	Conform*	USP-NF
Limit of methanol (Identification C)	≤ 0.02*	% (V/V)
Individual unspecified impurity	≤ 0.1*	% (V/V)
Individual known impurity	≤ 0.1*	% (V/V)
UV Absorbance	-	Ph.Eur.
Total impurities (GC)	≤ 1.0*	% (V/V)
at 230 nm	≤ 0.30	AU
at 250 nm	≤ 0.10	AU
at 270 nm	≤ 0.03	AU
at 290 nm	≤ 0.02	AU



Propan-2-ol		> ERBApharm - According to pharmacopoeia : Ph.Eur.-USP-Ph.Franc.-BP	Pharmaceutical
at 310 nm	<= 0.01	AU	
UV Absorbance curve from 230 to 310 nm	Curve with no observable peaks or shoulders	Ph.Eur.	
Origin (BSE/TSE)	Synthesis	-	
Residual solvents (Current ICH)	Conform*	-	

ID	Size	Packaging
000000000000309501	1 l	Glass bottle
000000000000529165	5 l	Plastic tank
000000000000309505	2.5 l	Glass bottle
000000000000309506	10 l	Plastic tank
000000000000309500	200 l	Metal drum
000000000000309504	25 l	Metal drum
000000000000309507	25 l	Plastic jerrycan



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