

Technical Specification

PRODUCT : Propan-2-ol ERBApharm According to pharmacopoeia : Ph.Eur.-USP-Ph.Franc.-BP

CODE : 309500

MOLECULAR WEIGHT : 60,1

CAS N° : 67-63-0

FORMULA : CH₃CHOHCH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification (I.R.)	-	Positive
Appearance of solution	Ph.Eur.	Clear colourless*
Acidity or alcalinity (ml NaOH 0,01M)	mL	<= 0.6*
Acidity (ml NaOH 0,020N)	mL	<= 0.70*
Peroxide (as H ₂ O ₂)	Ph.Eur.	Conform
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.)	% (w/w)	<= 0.1
Non volatile substances	ppm	<= 20
Assay (GC)	%	>= 99.9
Benzene and related compounds	Ph.Eur.	-
Benzene	ppm (Ph.Eur.)	<= 2
Related compounds (total of impurities apart from 2-butanol) (GC)	%	<= 0.3
Limit of volatile impurities	-	-
Limit of methanol (Identification C)	USP-NF	Conform*
Individual know impurity	% (V/V)	<= 0.02*
Individual unspecified impurity	% (V/V)	<= 0.1*
Total impurities (GC)	% (V/V)	<= 0.1*
UV Absorbance	Ph.Eur.	-
at 230 nm	AU	<= 0.30
at 250 nm	AU	<= 0.10
at 270 nm	AU	<= 0.03
at 290 nm	AU	<= 0.02
at 310 nm	AU	<= 0.01
UV Absorbance curve from 230 to 310 nm	Ph.Eur.	Curve with no observable peaks or shoulders

This batch has been released by authorized personnel

* Parameters marked with * are tested periodically

TSE/BSE and ICHQ3C are available on request

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It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application. CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

Date: 21/08/2026

Approved electronically, valid without a signature

**QUALITY LABORATORY
TECHNICIAN
MAXIME DAMBRE
VAL DE REUIL**