

# Technical Specification

**PRODUCT : Propan-2-ol RPE For analysis ACS Reag. Ph.Eur. -Reag. USP**

**CODE : 415170**

**MOLECULAR WEIGHT :60,1**

**CAS N° : 67-63-0**

**FORMULA : CH<sub>3</sub>CHOHCH<sub>3</sub>**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Positive
Water miscibility	-	Conform
Density at 20°C	-	0.785 - 0.789
Refractive index at 20°C	-	1.3766 - 1.3786
Boiling point	°C	82.1 - 82.6
Water (K.F.)	% (w/w)	<= 0.1
Residue after evaporation	ppm	<= 10
Acidity or alkalinity	meq/g	<= 0.0001
Carbonyl compounds (as acetone)	ppm	<= 20
Carbonyl compounds (as propionaldehyde)	ppm	<= 20
Subs. reducing KMnO <sub>4</sub>	ppm	<= 5
Heavy metals (as Pb)	ppm	<= 1
Al	ppm	<= 0.5
B	ppm	<= 0.02
Ba	ppm	<= 0.5
Ca	ppm	<= 0.5
Cd	ppm	<= 0.01
Co	ppm	<= 0.01
Cr	ppm	<= 0.01
Cu	ppm	<= 0.01
Fe	ppm	<= 0.1
Mg	ppm	<= 0.1
Mn	ppm	<= 0.01
Ni	ppm	<= 0.01
Pb	ppm	<= 0.01
Zn	ppm	<= 0.01
Assay (GC)	%	>= 99.7

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 in