

# Technical Specification

**PRODUCT : Acetone RPE- For analysis - ACS-ISO -Reag. Ph.Eur. - Reag. USP**

**CODE : 400970**

**MOLECULAR WEIGHT :58,01**

**CAS N° : 67-64-1**

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

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Positive
Water solubility	-	Conform
Related substances (GC)	-	Conform
Density at 20°C	-	0.790 - 0.792
Refractive index at 20°C	-	1.3581 - 1.3601
Boiling point	°C	55.8 - 56.3
Water (K.F.)	%	<= 0.2
Residue after evaporation	ppm	<= 10
Acidity	meq/g	<= 0.0003
Alcalinity	meq/g	<= 0.0006
Ethanol	ppm	<= 100
2-Propanol	ppm	<= 500
Methanol	ppm	<= 500
Aldehydes	ppm	<= 10
Heavy metals (as Pb)	ppm	<= 0.2
Subs. reducing KMnO <sub>4</sub>	ppm	<= 2
Al	ppm	<= 0.5
B	ppm	<= 0.1
Ba	ppm	<= 0.1
Ca	ppm	<= 0.5
Cd	ppm	<= 0.05
Co	ppm	<= 0.05
Cr	ppm	<= 0.02
Cu	ppm	<= 0.01
Fe	ppm	<= 0.1
Mg	ppm	<= 0.02
Mn	ppm	<= 0.02
Ni	ppm	<= 0.01
Pb	ppm	<= 0.01
Sn	ppm	<= 0.1
Zn	ppm	<= 0.2
Assay (GC)	%	>= 99.8
Benzene	ppm	<= 2
Diacetyl alcohol	ppm	<= 500

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