

Technical Specification

PRODUCT : Hydrogen peroxide solution 30% RPE - For analysis - ACS - Reag.Ph.Eur. - Reag.USP - Stabilized

CODE : 412070

MOLECULAR WEIGHT :34,01

CAS N° : 7722-84-1

FORMULA : H2O2

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Density at 20°C	-	1.100 - 1.130
Organic stabilizers	ppm	<= 500
Residue on evaporation	ppm	<= 20
Acidity	meq/g	<= 0.0006
Chloride	ppm	<= 0.5
Nitrate	ppm	<= 2
Sulfate	ppm	<= 2
Phosphate	ppm	<= 2
Ammonium	ppm	<= 5
Heavy metals (as Pb)	ppm	<= 1
Al	ppm	<= 0.5
As	ppm	<= 0.01
Ba	ppm	<= 0.05
Ca	ppm	<= 0.2
Cd	ppm	<= 0.01
Co	ppm	<= 0.01
Cr	ppm	<= 0.02
Cu	ppm	<= 0.01
Fe	ppm	<= 0.1
K	ppm	<= 0.1
Mg	ppm	<= 0.1
Mn	ppm	<= 0.01
Na	ppm	<= 0.5
Ni	ppm	<= 0.02
Pb	ppm	<= 0.02
Zn	ppm	<= 0.1
Assay (oxydimetric)	% (w/w)	29.0 - 31.0

Stabilized with EDTA acid + Sodium stannate

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