

Technical Specification

PRODUCT : ORTHOPHOSPHORIC ACID 85 % RPE - For analysis - ISO - ACS - Reag.Ph.Eur. - Reag.USP

CODE : 406000

MOLECULAR WEIGHT :98,0

CAS N° : 7664-38-2

FORMULA : H3PO4

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Appearance of solution	Ph.Eur.	Conform
Phosphoric-phosphorus acid	Ph.Eur.	Conform
Alkaline phosphates	USP-NF	Conform
Precipitable with NH ₄ OH	Ph.Eur.	Conform
Density at 20°C	-	1.689 - 1.701
Insoluble in water	ppm	<= 10
Volatile acids	ppm	<= 10
Reducing substances	ppm	<= 25
Chloride	ppm	<= 1
Fluoride	ppm	<= 5
Nitrate	ppm	<= 3
Sulfate	ppm	<= 5
Heavy metals (as Pb)	ppm	<= 5
As	ppm	<= 0.5
Ca	ppm	<= 20
Cd	ppm	<= 5
Co	ppm	<= 1
Cu	ppm	<= 2
Fe	ppm	<= 5
K	ppm	<= 50
Mg	ppm	<= 10
Mn	ppm	<= 0.5
Na	ppm	<= 250
Ni	ppm	<= 5
Pb	ppm	<= 1
Sb	ppm	<= 4
Zn	ppm	<= 10
Assay (acidimetric)	%	85 - 87

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