

# Technical Specification

**PRODUCT : ORTHOPHOSPHORIC ACID 85 % RSE - For electronic use**

**CODE : 406020**

**MOLECULAR WEIGHT :98,0**

**CAS N° : 7664-38-2**

**FORMULA : H3PO4**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Density at 20°C	-	1.689 - 1.701
Assay (acidimetric)	%	85.0 - 87.0
Ammonium	ppm	<= 0.5
Chloride	ppm	<= 1
Fluoride	ppm	<= 5
Sulfate	ppm	<= 5
Nitrate	ppm	<= 3
Subs. reducing KMnO4	ppm	<= 10
Heavy metals (as Pb)	ppm	<= 5
Volatile acids	ppm	<= 3
Al	ppm	<= 0.5
As	ppm	<= 0.1
Bi	ppm	<= 1
Ca	ppm	<= 20
Cd	ppm	<= 5
Co	ppm	<= 1
Cu	ppm	<= 2
Ga	ppm	<= 0.1
Fe	ppm	<= 5
K	ppm	<= 5
Li	ppm	<= 1
Mg	ppm	<= 5
Mn	ppm	<= 0.5
Na	ppm	<= 30
Ni	ppm	<= 3
Pb	ppm	<= 1
Sb	ppm	<= 4
Sr	ppm	<= 5
Zn	ppm	<= 10

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