

Technical Data sheet**orto-PHOSPHORIC ACID 85% w/w**

Product Code :012719 orto-PHOSPHORIC ACID 85% w/w**Formula** :H₃PO₄**Retest period** : 60 months**Standard Grade** : ELC**Rev.:** 28/02/2008

General Information :

Density	1,700 g/cm3
Mol weight	98,00 g/mol
CAS Nr	7664-38-2
C.E.E. Nr	015-011-00-6
EINECS Nr	231-633-2
HS code	28092000

Transport :

ADR/RID Class	8/III,C1
UN Nr	1805
Danger	80
Transport Labels	8
IMDG Code	8/III
IATA Code	8
IATA Group	III
CAO Code	856
PAX Code	852

Specifications :

Color (Pt-Co)	Max. 7,0 APHA	Assay (Acidim.)	85,0 - 87,0 %
Water-insoluble matter	Max. 0,005 %	Volatile acids (acetic ac	Max. 0,001 %
Chloride (Cl)	Max. 0,0002 %	Fluoride (F)	Max. 0,0005 %
Nitrate (NO3)	Max. 0,0005 %	Sulphate (SO4)	Max. 0,0012 %
Heavy metals (as Pb)	Max. 0,0005 %	Reducing substances	Passes test
Aluminum (Al)	Max. 0,4 ppm	Arsenic (As)	Max. 0,1 ppm
Bario (Ba)	Max. 1,0 ppm	Calcium (Ca)	Max. 3,0 ppm
Cobalt (Co)	Max. 0,1 ppm	Chromium (Cr)	Max. 0,1 ppm
Copper (Cu)	Max. 0,1 ppm	Iron (Fe)	Max. 2,0 ppm
Potassium (K)	Max. 2,0 ppm	Lithium (Li)	Max. 0,1 ppm
Magnesium (Mg)	Max. 1,0 ppm	Manganese(Mn)	Max. 0,1 ppm
Sodium (Na)	Max. 4,0 ppm	Nickel (Ni)	Max. 0,1 ppm
Lead (Pb)	Max. 0,1 ppm	Antimonio (Sb)	Max. 15,0 ppm
Strontium (Sr)	Max. 0,1 ppm		

Labels : H-290:May be corrosive to metals. H-314:Causes severe skin burns and eye damage. P-280:Wear protective gloves/protective clothing/eye protection/face protection. P-309+311:IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. P-305+351:If in eyes: Rinse cautiously with water for several minutes. P-338:Remove contact lenses, if present and easy to do. Continue rinsing.

