

Technical Data sheet

orto-PHOSPHORIC ACID 85% w/w gmp

Product Code :306810 orto-PHOSPHORIC ACID 85% w/w gmp

Formula :H₃PO₄

Retest period : 24 months

Standard Grade : QP

Rev.: 09/07/2018

According to monographs :PH.EUR. 9ED.,NF 36

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 :

Identification A	Passes test (PhEur)	Identification B	Passes test (PhEur)
Riqueza (acidim.)	85,0 - 88,0 % p/p	Appearance of solution	Passes test (PhEur)
Heavy metals (as Pb)	Max. 10,0 ppm	Nitrate (NO ₃)	Passes test (NF)
Chloride (Cl)	Max. 50,0 ppm	Sulphate (SO ₄)	Max. 100,0 ppm
Sulphate (SO ₄)	Passes test (NF)	Arsenic (As)	Max. 2,0 ppm
Iron (Fe)	Max. 50,0 ppm	Subst.precip.with amonia	Passes test (PhEur)
Alkali phosphates	Passes test (NF)	Posphorous, hypophosph.ac	Passes test (PhEur)

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.

