

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

Product Code :012702 orto-PHOSPHORIC ACID 85% w/w**Formula** :H₃PO₄**Retest period** : 60 months**Standard Grade** : PE**Rev.:** 28/07/2014**According to monographs** :PH.EUR. 8ED.,NF 32

General Information :

Density	1,700 g/cm ³
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	Passes test	Assay (Acidim.)	85,0 - 88,0 %
Appearance of solution	Passes test	Subst.not precip.by NH ₄ OH	Passes test
Chloride (Cl)	Max. 0,005 %	Nitrate (NO ₃)	Passes test
Alkali phosphates	Passes test	Sulphate (SO ₄)	Passes test
Arsenic (As)	Max. 0,0002 %	Iron (Fe)	Max. 0,005 %
Heavy metals (as Pb)	Max. 0,001 %	Posphorous, hypophosph.ac	Passes test
Residual solvents	Passes test		

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.

