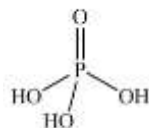


Product Information

ORTHOPHOSPHORIC ACID 75 %

Orthophosphoric acid, o-Phosphoric acid,



Product Code	A-2029	Grade	Teknis
Purity	75%	CAS No	7664-38-2
Molecular Formula	H ₃ PO ₄	Molecular Weight	98.00 g/mol
H.S.Code	2809.2010	Shelf Life	24 Months

Physical Properties

Physical state	Liquid	Boiling point [°C]	135 °C
Odour	Odourless	Relative density [g/cm³]	1,58 g/cm ³ at 20 °C
pH	< 0,5 at 100 g/l at 20 °C	Vapour pressure	2 hPa at 20 °C
Melting point/ Freezing point [°C]	-17 °C	Solubility in water	at 20 °C soluble
Viscosity	kinematic: 14,7 mm ² /s at 20 °C		

Packaging

20 L

Specification

Appearance	a clear colorless viscous liquid
Assay (as H ₃ PO ₄ , acidimetric)	74.0 76. 0 %
Color	max 20 Hazen
Density at 20 °C	1.574 - 1.580 g/cm ³
Sulphate (as SO ₄)	max 250 ppm
Chloride (as Cl)	max 25 ppm
Iron (Fe)	max 10 ppm
Arsenic (As)	max 2 ppm
Fluorine (F)	max 10 ppm
Heavy metals (as Pb)	max 5 ppm
Cadmium (Cd)	max 3 ppm

Safety Information and Hazard Symbols



Symbol: GHS05

Signal Word: Danger

UN No.: 1805

IMCO Class No.: 8

Packing Group: III

Hazardous Statement: H290-H314

Precaution Statement: P280-P305+P351+P338-P310

Labotiq