

PRODUCT IDENTITY

PRODUCT NAME	ortho-Phosphoric acid 85%	PRODUCT NUMBER	O433779
Grades & Purity	PharmPure™,BP,Ph.Eur.,E 338,JPE,NF	VERSION	3
CAS NUMBER	7664-38-2	FORMULA	H ₃ PO ₄
FORMULA WEIGHT	98.00g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(O433779)	Colorless Liquid
Assay(alkalimetric)	85-85.7 (%)
Specific gravity (20/4°C)	≥1.69
Chloride (Cl-)	0-0.0005 (%)
Fluoride (F-)	0-0.001 (%)
(NO ₃)Nitrate	0-0.0003 (%)
Sulfate(SO ₄ ²⁻)	0-0.005 (%)
Heavy metals(as Pb)	0-0.0005 (%)
Cadmium(Cd)	0-0.0001 (%)
Copper(Cu)	0-0.002 (%)

PARAMETER	SPECIFICATION / LIMIT
Iron(Fe)	0-0.005 (%)
Mercury (Hg)	0-0.0001 (%)
Potassium(K)	0-0.005 (%)
Sodium(Na)	0-0.03 (%)
Lead (Pb)	0-0.0001 (%)
Zinc(Zn)	0-0.002 (%)
Volatile acids(as Acetic acid)	0-0.001 (%)
Phosphite and Hypophosphite(as H ₃ PO ₃)	0-0.02 (%)
(As)Arsenic	0-0.19 (ppm)