

Technical Datasheet

Article No. 1172

ortho-Phosphoric acid 85 % p. a., Reag. Ph. Eur.
min. 84.5 % H₃PO₄

For laboratory use.

Parameter	Value
Appearance	colourless liquid
Melting Point	approx. 21°C
Boiling Point	approx. 158°C
Density	1.58 g/ml
Molar mass	98.00 g/mol
Identity	passes test
Appearance of solution	passes test
Chloride (Cl)	max. 0.0005 %
Sulphate (SO ₄)	max. 0.003 %
Reducing substances (as H ₃ PO ₃)	max. 0.005 %
Lead (Pb)	max. 0.00005 %
Copper (Cu)	max. 0.00002 %
Arsenic (As)	max. 0.00005 %
Iron (Fe)	max. 0.0005 %
Nitrate (NO ₃)	max. 0.0006 %
Potassium (K)	max. 0.002 %
Sodium (Na)	max. 0.002 %
Calcium (Ca)	max. 0.002 %