

30417 Phosphoric acid Puriss. p.a., ACS Reagent, Reag. ISO, Reag. Ph. Eur., ≥85% Orthophosphoric acid

Specyfikacja:

Property	Value
APPEARANCE (COLOR)	Colorless
CHROMIUM (ICP)	0 - 1 mg/kg
COPPER (ICP)	0 - 1 mg/kg
IRON (ICP)	0 - 5 mg/kg
POTASSIUM (ICP)	0 - 5 mg/kg
MAGNESIUM (ICP)	0 - 5 mg/kg
MANGANESE (ICP)	0 - 0.5 mg/kg
SODIUM (ICP)	0 - 20 mg/kg
NICKEL (ICP)	0 - 1 mg/kg
LEAD (ICP)	0 - 1 mg/kg
ZINC (ICP)	0 - 2 mg/kg
APPEARANCE (FORM)	Liquid or Viscous Liquid
ARSENIC TRACES (MHS-AAS)	0 - 0.5 mg/kg
ANTIMONY TRACES (MHS-AAS)	0 - 2 mg/kg
CHLORIDE (CL)	0 - 2 mg/kg
NITRATE (NO ₃)	0 - 3 mg/kg
SULFATE (SO ₄)	0 - 30 mg/kg
VARIOUS GUARANTEE LABEL TEST	KMnO ₄ -reducing matter (as O) ≤ 10 MG/KG
REMARKS ON GUARANTEE LABEL	volatile acids (as CH ₃ COOH) ≤ 10 MG/KG
TITRATION (T) NAOH 1M	≥ 85 %
ACS SPECIFICATIONS	CORRESPONDS TO REQUIREMENTS IN WATER INSOLUBLE MATTERS ≤ 0.001% RESIDUAL SOLVENTS IN ACCORDANCE HEAVY METALS (AS PB) ≤ 0.001 % REDUCING IMPURITIES IN ACCORDANCE SUBSTANCES PRECIPITATED BY AMMONIA IN ACCORDANCE
REMARKS ON ACS	
METAL TRACE ANALYSIS (ICP)	CORRESPONDS TO REQUIREMENTS
CALCIUM (ICP)	0 - 10 mg/kg
CADMIUM (ICP)	0 - 1 mg/kg
COBALT (ICP)	0 - 1 mg/kg

Właściwości fizyczne:

Property	Value
Cation traces	Pb: ≤1 mg/kg
Grade	ACS reagent, reag. ISO, reag. Ph. Eur.
Impurities	substances precipitated by ammonia, in accordance
Vapor pressure	5 mmHg (25 °C)
Assay	≥85%
Anion traces	sulfate (SO ₄ ²⁻): ≤30 mg/kg
Mp	~40 °C(lit.)
Vapor density	3.4 (vs air)
Suitability	passes test for appearance of solution
Gene Information	human ... SRC(6714)
Density	1.71 g/cm ³
Bp	158 °C(lit.)

Boiling point	158 °C
Freezing point	21 °C

Informacje dot. bezpieczeństwa:

Property	Value
Flashpoint	196 °C
Hazard Class	8
Package Group	III
UN ID	1805