

neoFroxx GmbH

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Specification

Product	Potassium dihydrogen phosphate pure EP (pharma grade)
Product number	LC-4508
Synonyms	prim.-Potassium phosphate, Potassium phosphate mono-basic
Formula	KH_2PO_4
Molecular weight	136.09 g/mol
CAS number	7778-77-0
Storage	below 25°C
Retest period (months)	60

We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP).

Parameter	Specification
Assay	98 - 100.5 %
Appearance	white or almost white, crystalline powder or colourless crystals (revised)
Solubility	passes test
Appearance of solution	clear and colourless
pH (10 % in water, 20°C)	4.2 - 4.5
Reducing substances	passes test
Chloride (Cl)	$\leq 0.02 \%$
Sulfate (SO_4)	$\leq 0.03 \%$
Arsenic (As)	$\leq 0.0002 \%$
Iron (Fe)	$\leq 0.001 \%$
Sodium (Na)	$\leq 0.1 \%$
Loss on drying (125 - 130°C)	$\leq 2 \%$

Einhausen, 09.08.2024