

neoFroxx GmbH

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Specification

Product	Potassium dihydrogen phosphate for biochemistry
Product number	1577
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
Parameter	Specification
Assay (titr.)	$\geq 99.5 \%$
pH (5 % in water, 20°C)	4.3 - 4.7
Heavy metals (Pb)	$\leq 0.001 \%$
Insoluble matter	passes test
Loss on drying (105°C)	$\leq 0.2 \%$
Chloride (Cl)	$\leq 0.0005 \%$
Sulfate (SO_4)	$\leq 0.003 \%$
Absorbance (0.1 M in water)	
260 nm	≤ 0.05
280 nm	≤ 0.05

Einhausen, 06.06.2025