



SPECIFICATION SHEET

Product Name : Potassium dihydrogen phosphate, for analysis ISO
Product Number : 960.066
Brand : ISOLAB
CAS Number : 7778-77-0
Formula : KH_2PO_4
Formula Weight : 136.09 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (KH_2PO_4 , calculated on dried substance)	$\geq 99.5 - 100.5\%$	%
pH-value (5 %; water)	4.2 - 4.5	
Solubility	passes test	
Chloride (Cl)	$\leq 0.0005\%$	%
Sulphate (SO_4)	$\leq 0.003\%$	%
Total nitrogen	$\leq 0.001\%$	%
Heavy metals (as Pb)	$\leq 0.0010\%$	%
As (Arsenic)	$\leq 0.0002\%$	%
Cd (Cadmium)	$\leq 0.0001\%$	%
Cu (Copper)	$\leq 0.0003\%$	%
Fe (Iron)	$\leq 0.0010\%$	%
Hg (Mercury)	$\leq 0.0001\%$	%
Na (Sodium)	$\leq 0.02\%$	%
Pb (Lead)	$\leq 0.001\%$	%
Reducing substances	passes test	
Loss on drying	$\leq 0.2\%$	%

Quality Management
Isolab Laborgerate GmbH

