



### SPECIFICATION SHEET

Product Name	:	Potassium dihydrogen phosphate, Cryst. For analysis ISO
Product Number	:	960.066
Brand	:	ISOLAB
CAS Number	:	7778-77-0
Formula	:	H <sub>2</sub> KO <sub>4</sub> P
Formula Weight	:	136.09 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (KH <sub>2</sub> PO <sub>4</sub> , calculated on dried substance)	≥ 99.5 - 100.5%	%
pH-value (5 %; water)	4.2 - 4.5	
Solubility	passes test	
Chloride (Cl)	≤ 0.0005 %	%
Sulphate (SO <sub>4</sub> )	≤ 0.003 %	%
Total nitrogen	≤ 0.001 %	%
Heavy metals (as Pb)	≤ 0.0010 %	%
As (Arsenic)	≤ 0.0002 %	%
Cd (Cadmium)	≤ 0.0001 %	%
Cu (Copper)	≤ 0.0003 %	%
Fe (Iron)	≤ 0.0010 %	%
Hg (Mercury)	≤ 0.0001 %	%
Na (Sodium)	≤ 0.02 %	%
Pb (Lead)	≤ 0.001 %	%
Reducing substances	passes test	
Loss on drying	≤ 0.2 %	%

Quality Management  
Isolab Laborgerate GmbH

