SPECIFICATION SHEET

Product Name	:	Potassium dihydrogen phosphate, Cryst. Ph Eur,BP,JPC,NF,E 340
Product Number	:	960.063
Brand	:	ISOLAB
CAS Number	:	7778-77-0
Formula	:	H_2KO_4P
Formula Weight	:	136.09 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (alkalimetric, calculated on dried substance)	≥ 99.5 - 100.5%	%
Appearance of solution	passes test	
Identity	passes test	
Insoluble substances	≤ 0.01 %	%
pH-value (1 %; water)	4.2 - 4.8	
pH-value (2 %; water)	4.2 - 4.6	
pH-value (5 %; water)	4.2 - 4.5	
Carbonate	passes test	
Condensed phosphate	passes test	
Chloride (Cl)	≤ 0.0005 %	%
Fluoride (F)	≤ 0.001 %	%
Sulphate (SO_4)	≤ 0.003 %	%
Heavy metals (as Pb)	≤ 0.001 %	%
Al (Aluminium)	≤ 0.0005 %	%
As (Arsenic)	≤ 0.0002 %	%
Cd (Cadmium)	≤ 0.0001 %	%
Fe (Iron)	≤ 0.001 %	%
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