



### SPECIFICATION SHEET

**Product Name** : di-Potassium hydrogen phosphate , Anhydrous extra pure Ph Eur, BP, USP  
**Product Number** : 960.123  
**Brand** : ISOLAB  
**CAS Number** : 7758-11-4  
**Formula** :  $\text{HK}_2\text{O}_4\text{P}$   
**Formula Weight** : 174.18 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (acidimetric, on dried sample)	98 - 101	%
Identification	passes test	
Appearance of solution	clear and colourless	
pH (5 %, $\text{H}_2\text{O}$ )	8,5 - 9,6	
Insoluble matter	$\leq 0.2$	%
Chlorides (Cl)	$\leq 0.03$	%
Carbonate	passes test	
Fluorides (F)	$\leq 0.001$	%
Sulphate ( $\text{SO}_4$ )	$\leq 0.1$	%
Arsenic (As)	$\leq 0.0003$	%
Heavy metals (as Pb)	$\leq 0.001$	%
Iron (Fe)	$\leq 0.003$	%
Sodium (Na)	$\leq 0.1$	%
Potassium dihydrogen phosphate	$\leq 2.5$	%
Potassium dihydrogen phosphate and tri-potassium phosphate	passes test	
Reducing substances	passes test	
Loss on drying (130 °C)	$\leq 2$	%

Quality Management  
Isolab Laborgerate GmbH

