



### 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** :  $K_2HPO_4$   
**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 %, H <sub>2</sub> O)	8,5 - 9,6	
Insoluble matter	≤ 0.2	%
Chlorides (Cl)	≤ 0.03	%
Carbonate	passes test	
Fluorides (F)	≤ 0.001	%
Sulphate (SO <sub>4</sub> )	≤ 0.1	%
Arsenic (As)	≤ 0.0003	%
Heavy metals (as Pb)	≤ 0.001	%
Iron (Fe)	≤ 0.003	%
Sodium (Na)	≤ 0.1	%
Potassium dihydrogen phosphate	≤ 2.5	%
Potassium dihydrogen phosphate and tri-potassium phosphate	passes test	
Reducing substances	passes test	
Loss on drying (130 °C)	≤ 2	%

Quality Management  
Isolab Laborgerate GmbH

