



### 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

