

**Product Name** : Potassium Dihydrogen Phosphate, Grade AR  
**Product Code** : P5104-1 **CAS Number** : 7778-77-0  
**Formula** :  $\text{KH}_2\text{PO}_4$  **M. wt** : 136.09 g/mol  
**Packing** : 500 g, 1 kg

Parameter	Specification
Assay (acidimetric)	min. 99.5 %
pH (5%, $\text{H}_2\text{O}$ )	4.2 - 4.5
Appearance of solution 10% in water	clear and colourless
Total N	max. 0.001 %
Chlorides (Cl)	max. 0.0005 %
Sulfates ( $\text{SO}_4$ )	max. 0.003 %
Arsenic (As)	max. 0.00005 %
Heavy Metals (as Pb)	max. 0.0005 %
Iron (Fe)	max. 0.0005 %
Sodium (Na)	max. 0.02 %
$\text{KMnO}_4$ red matter (as O)	passes test
Loss on drying (105°C)	max. 0.1 %

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