

SPEChemicals

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- 一、 **Chemical name:** Dipotassium hydrogen phosphate
- 二、 **Molecular weight:** $K_2HPO_4 \cdot 3H_2O$
- 三、 **Specificity:** 174.18
- 四、 **Specificity:** Colourless or white monocline crystalline granule powder.
Easily deliquescent, easily soluble in water, insoluble in ethanol. PH 9 in 1% aqueous solution.
- 五、 **Quality index:**

	Quality index FCC-1997
Content, ≥	98.0%
Arsenic(GT-3), Mix 10% of the sample liquid ≤	3mg/kg
Fluoride, ≤	10mg/kg
Heavy metals(as Pb), ≤	0.0015%
Water insolubles, ≤	0.2%
Pb(GT-18-3 Sample 10g) ≤	2mg/kg
Loss on heating: $K_2HPO_4(105^\circ C, 4h) \leq$	2.0%
$K_2HPO_4 \cdot 3H_2O(200^\circ C, 4h) \leq$	20.0-30.0%

六、 **Uses:**

In food processing industry, it is used as buffer, chelate agent, stabilizer emulsifier.

七、 **Packing:**

It is packed with polyethylene bag as liner, and a woven bag as the outer layer, The net weight of each bag is 25kg.

八、 **Storage and transport :**

It should be stored in a dry, ventilative and clean warehouse; kept away from moisture and hot, Furthermore, it should be stored separately from poisonous substances.