Dipotassium Phosphate

Chemical Name: Dipotassium Phosphate

Formula: K_2HPO_4, $K_2HPO_4 \cdot 3H_2O$

Molecular weight: Anhydrous: 174.18; Trihydrate : 228.184.

Specificity: It's colorless or white square crystal granule, easily deliquescent, alkaline, in soluble in ethanol. PH value is about 9 in 1% aqueous solution.

Quality Standard:

Name of Index	FCC-1997
Assay (dry)≥%	98.0
As≤%	0.0003
P_2O_5Assay≥%	39.94(Anhydrous)
	30.52(Trihydrate)
K_2O Assay≥%	52.94(Anhydrous)
	40.4(Trihydrate)
Fluoride(F)≤%	0.001
Heavy Metal(Pb)≤%	0.0015
Water insoluble matter≤%	0.2
Pb≤%	0.0002
Loss on Dry%	≤2.0 (Anhydrous)
	20.0-30.0 (Trihydrate)
pH value	---

Usage: In food industry, it is used as buffering agent, chelating agent, yeast food, emulsifying sal t, synergistic agent of anti-oxidation.

Packing: It is packed with polyethylene bag as inner layer, and a compound plastic woven bag a s the outer layer. The net weight of each bag is 25kg.

Storage and Transport: It should be stored in a dry and ventilating warehouse. Be cautious to keep away from moisture and hot; unloaded with care, so as to avoid the damage. Furthermore, it should be stored separately from poisonous substance