

Tripotassium Phosphate

Chemical Name: Tripotassium Phosphate

Formula: $K_3PO_4(0-3H_2O)$

Molecular weight: Anhydrous: 212.27

Specificity: White crystal or granule, odorless, hygroscopic; relative density: 2.564..

Quality Standard:

Name of index	GB 25563-2010	FCC-2000
Appearance	White Crystal Or Granule, Odorless, Hygroscopic	
Assay $\geq\%$	97.0	97.0
As $\leq\%$	0.0003	0.0003
Fluoride $\leq\%$	0.001	0.001
PH value	11.5-12.5	-----
P ₂ O ₅ Assay $\geq\%$	32.45	32.45
K ₂ O Assay $\geq\%$	66.43	66.43
Heavy Metal $\leq\%$	0.001	0.0015
Water insoluble matter $\leq\%$	0.20	0.20
Pb $\leq\%$	0.0002	0.0002
Loss on ignition $\leq\%$	5.0 (Anhydrous) ;	5.0 (Anhydrous) ;
	8.0-20.0(With Hydrate)	8.0-20.0(With Hydrate)

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

Packing: It is packed with polyethylene bag as inner layer, and a compound plastic woven bag as 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 cau

tious to keep away from moisture and hot. Unloaded with care, so as to avoid the damage. Furthermore, it should be stored separately from poisonous substances