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Dipotassium Phosphate Specification

Food grade Dipotassium Phosphate is a colorless or white crystal granule. It is mainly used in the food industry as a buffering agent, chelating agent, yeast food, emulsifying salt, and a synergistic agent of anti oxidation. It is a food additive used to lower acid levels in processed foods and to lower sodium levels in low-sodium cheeses. It is also used as a stabilizer in non-dairy creamers and a protein stabilizer in weight training drinks and powder mixes.

CAS No.	anhydrous: 7758-11-4; trihydrate: 16788-57-1
E No.	E340
HS Code	283524
Molecular Formula	K ₂ HPO ₄ , K ₂ HPO ₄ ·3H ₂ O
Packaging	25kg
Place of origin	China
Certificate	Haccp, Kosher, Hala, ISO
Payment terms:	T/T or L/C
Port of dispatch	Shanghai, Tianjin, Qindao
Applications	Food grade Dipotassium Phosphate (DKP) appears as a white granulated powder, which is odorless. This product is most commonly used as a buffering agent or stabilizer in food applications.


Dipotassium Phosphate

Molecular formula:	K ₂ HPO ₄ , K ₂ HPO ₄ ·3H ₂ O
Molecular weight:	anhydrous:174.18;trihydrate :228.18

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CAS NO.:	anhydrous: 7758-11-4; trihydrate: 16788-57-1			
Performance:	It's colorless or white square crystal granule, easily deliquescent, alkaline, insoluble in ethanol. PH value is about 9 in 1% aqueous solution.			
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 cautious to keep away from moisture and hot; unloaded with care, so as to avoid the damage. Furthermore, it should be stored separately from			
use:	In food industry, it is used as buffering agent, chelating agent, yeast food, emulsifying salt, synergistic agent of anti-oxidation.			
other information:				
	Specification	GB25561-2010	FCCV	
	Content(Dry Basis),w% ≥	98	98	
	Arsenic(As),mg/Kg≤	3	3	
	Fluoride(F),mg/Kg ≤	10	10	
	Heavy Metals(Pb),mg/Kg ≤	10	-	
	Water Insolubles,w% ≤	0.2	0.2	
	lead(Pb),mg/Kg ≤	2	2	
	loss on drying,w%	anhydrous ≤	2.0	2.0
		trihydrate	20.0-30.0	20.0-30.0
pH Value,(10g/L)	9.0±0.4	-		

We're Food grade Dipotassium Phosphate **Manufacturers, Suppliers and Wholesalers** in China.

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Based on our 15 years in food additives & ingredients market, we have a knowledge of China market and manufacturers. We can help our abroad customers save time selecting good manufacturers and update the current market in China.

Contact Us

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