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## Dicalcium Phosphate (DCP) Specification

Food grade Dicalcium Phosphate is a food additive. It is a white crystalline powder with no smell. It has stability in the air, hardly melts in water, can not melt in Ethyl alcohol, easily melts in Hydrochloric acid and Dilute Nitric Acid. Dicalcium Phosphate is used in breakfast cereals, enriched flour, and noodle products.

<b>CAS No.</b>	anhydrous: 7757-93-9; dihydrate: 7789-77-7
<b>E No.</b>	E341
<b>HS Code</b>	283522
<b>Packaging</b>	25kg
<b>Place of origin</b>	China
<b>Certificate</b>	Haccp, Kosher, Hala, ISO
<b>Payment terms:</b>	T/T or L/C
<b>Port of dispatch</b>	Shanghai, Tianjin, Qindao
<b>Applications</b>	Food grade Dicalcium Phosphate appears as a white crystalline powder that is odorless and slightly soluble in water. This product is used in the food industry as a loosening agent, buffer, nutritional supplement, emulsifier and stabilizer.


### Dicalcium Phosphate

Molecular formula:	$\text{CaHPO}_4 \cdot (0,2)\text{H}_2\text{O}$
Molecular weight:	dihydrate: 208.09

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CAS NO.:	anhydrous: 7757-93-9; dihydrate: 7789-77-7			
Performance:	It is white monoclinic crystalline powder, odorless; soluble in dilute hydrochloric acid, nitric acid and acetum, slightly soluble in water; insoluble in ethanol. Stabilizing in air. Relative density			
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.			
use:	In food industry, it is used as leavening agent ,dough modifier ,buffering agent, nutritional supplement, emulsifier, stabilizing agent .			
other information:	Specification	GB1889-2004	FCC, 1997	
	Content(As CaHPO <sub>4</sub> ·2H <sub>2</sub> O), w/%	98.0-103.0	97.0-105.0	
	Arsenic(As), mg/kg ≤	0.0002	0.0003	
	Pb, mg/kg ≤	0.0005	0.0002	
	Fluoride(As F), mg/kg ≤	0.005	0.005	
	Heavy Metals(As Pb), mg/kg ≤	0.001	0.0015	
	Loss On Ignition, w/%	anhydrous	-	7.0-8.5(Anhydrous)
		dihydrate	24.5-26.5	24.5-26.5(Dihydrate)
	Hydrochloric Acid Insoluble, w/% ≤	0.05	-	

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

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