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Tricalcium Phosphate (TCP) Specification

Food grade Tricalcium Phosphate is a food additive made from a calcium salt of phosphoric acid. Tricalcium Phosphate is frequently used in the food industry as an additive in powdered spices, and acts as an anti-caking agent. It is sometimes used as a rising agent. It adds smoothness and opacity to reduced fat liquids and foods. It is used to increase calcium levels in dairy products and in juice. Tricalcium Phosphate is used in candy, wine, beverages, cheese, and jams.

CAS No.	7758-87-4
E No.	E341
HS Code	283526
Molecular Formula	Ca ₃ O ₈ P ₂
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 Tricalcium Phosphate is an odorless white shapeless powder or crystal. In the food industry it is used as a anti caking agent, nutritional supplement, pH regulator, and an additive in milk powder, candy, pudding, meats, and a variety of condiments.

Tricalcium Phosphate

Molecular formula: 10CaO·3P2O5·H2O

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CAS NO.: 7758-87-4

Performance: It is a mixture composed by different calcium phosphate. Its main component is $10\text{CaO}\cdot 3\text{P}_2\text{O}_5\cdot \text{H}_2\text{O}$. Molecular weight is 1004.64. It is white amorphous powder, odorless, stabilizing in air. Relative density


Packing: It is packed with plastic 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.

use: In food industry, it is used as anticoagulant, nutritional supplement (calcium intensifier), PH regulator and buffering agent, the additives in powder milk, candy, pudding and so on.

Specification	GB25558-2010	FCC, 1997
Content(As Ca), w/%	34.0-40.0	34.0-40.0
Arsenic, mg/kg ≤	3	3
Fluorine, mg/kg ≤	75	75
Heavy Metals(As Pb), mg/kg ≤	10	10
Lead, mg/kg ≤	2	2
Loss On Ignition, w/%	10.0	10.0
Clarity	According to the Test	--

We're Food grade Tricalcium 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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