

2-1 Calcium hydrogen phosphate (DCP)

I. Product Overview

Product Name: Calcium hydrogen phosphate (DCP)

Category: Calcium Phosphate Salt

CAS Number: 7757-93-9 (Dihydrate)

7783-95-4 (Anhydrous)

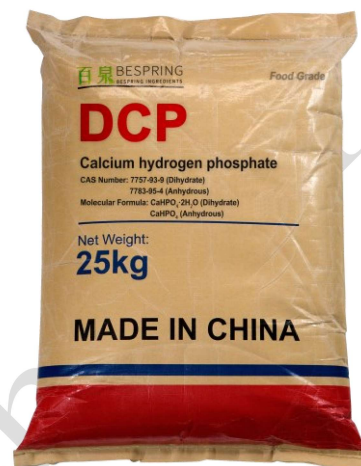
Molecular Formula: $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$ (Dihydrate)

CaHPO_4 (Anhydrous)

Packing Specifications: 25 kg/bag, 22 tons/20FCL

Minimum Order Quantity: 500 kg

Quality Standards: HACCP, Kosher, Halal, ISO



II. Product Specifications

Item	Unit	Specification
Calcium hydrogen phosphate (CaHPO_4) Content (on an anhydrous basis)	%	98.0-102.0
P_2O_5 Content	%	50.0-52.5
Arsenic (As)	%	≤ 0.0003
Fluoride (F)	%	≤ 0.005
Heavy Metals (as Pb)	%	≤ 0.0015
Insoluble in Hydrochloric Acid	%	≤ 0.05
Loss on Ignition	%	24.5-26.5 (Dihydrate)
	%	8.5 (Anhydrous)
Lead (Pb)	%	≤ 0.0005
Cadmium (Cd)	%	≤ 0.0001
Mercury (Hg)	%	≤ 0.0001

III. Applications

- In the food industry, it is used as a leavening agent, buffer, nutritional supplement, emulsifier, and stabilizer.

IV. Storage Conditions

Calcium hydrogen phosphate (DCP) should be stored in a cool, dry, and ventilated place, away from direct sunlight and high temperature and humidity environments. The storage temperature should not exceed 30°C.

Bespring Chemical