



EPOCH MASTER GLOBAL BUSINESS(JIANGSU)INC.

RM.3-93,TENGFEI BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION PARK,

NANJING ZONE,(JIANGSU) PILOT FREE TRADE ZONE ,CHINA

Tricalcium Phosphate

General Characteristics:

Product code:	TCP-EPS
Formula:	$\text{Ca}_3(\text{PO}_4)_2$; $\text{Ca}_5\text{OH}(\text{PO}_4)_3$; $\text{Ca}_{10}(\text{OH})_2(\text{PO}_4)_6$
Molecular weight:	310.18; 502.31; 1004.61
Appearance:	White non-qualitative powder
Odor:	Odorless, tasteless
CAS Number:	[7758-87-4]; [1306-06-5]; [62974-97-4]
EINECS No.:	231-840-8
INS:	341(iii)
Solibility:	Insoluble in ethanol and acetone, slightly soluble in water, soluble in hydrochloric acid and nitric acid.

Uses:

- Food-nutritional supplement in food、 yeast food.
- Animal oil refining auxiliaries、 antitackiness agent.
- PH regulator、 buffering agent.
- Free-flow agent for dry beverage and other food products.
- A source of calcium and phosphorus in nutritional supplements.

Packing and Storage:

- 10kg/ 20kg/ 25 kg per bag, A multiply paper bag with poly inner liner.
- Store in a well-closed bag at room temperature, protect from light, moisture and pest infestation.
- Shelf life--- two years.

Microbiological Specification:

Total viable count	10,00cfu/gr.max
Yeast&Molds	25cfu/gr.max
E.Coli	Absent in 10 gr.

GMO-Status:

The product is a non GMO product and is free from any recombinant DNA.

Irradiation/Radioactivity:

Yunbo's Tricalcium phosphate was never subjected to any kind of ionized irradiation and contains no radioactivity not even in minor amounts.

BSE/TSE:

No raw materials from bovine origin are used nor are any bovine constituents present in the product.



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Specifications(USP/E341(iii)/FCC):

Test Parameter	Result
Appearance	White or almost white powder
Identification A	Passes test
Identification B	Passes test
Assay 【as Ca】, w/%	≥90.0%
Calcium oxide, w/%	50.3%~55.8%
P ₂ O ₅ , w/%	38.2%~42.3%
Loss on drying, w/%	≤4.5%
Loss on ignition, w/%	≤5.8%
Arsenic	≤4.0ppm
Lead	≤2.0ppm
Clarity	Pass the test
Carbonate	Pass the test

Specification	Product Code	Granularity (μm/325mesh)	Density BD(g/ml)
EPS	TCP-EPS	5μm	<0.35

佰阿斯达国际贸易(江苏)有限公司
EPOCH MASTER GLOBAL BUSINESS (JIANGSU) INC.

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