



连云港树人科创食品添加剂有限公司

LIANYUNGANG SHUREN KECHUANG FOOD ADDITIVE CO., LTD.

The East of Linhong Road, Dapu Chemical Industry Zone, Lianyungang TEDA, Jiangsu China
TEL:+86-518-85159711 FAX: +86-518-85281622 www.lygshuren.com E-mail:sales08@lygshuren.com

SPECIFICATION OF DICALCIUM PHOSPHATE DIHYDRATE UNMILLED

MANUFACTURER: LIANYUNGANG SHUREN KECHUANG FOOD ADDITIVE CO., LTD.

DICALCIUM PHOSPHATE DIHYDRATE

FCC/E341(ii)

Date: Jan.12, 2023

Tests	Specifications
Formula	CaHPO ₄ ·2H ₂ O
Appearance	White granular powder
Odour	Odourless and Tasteless
Excipients	None
Irradiation	None
Bulk Density, tapped	0.8-1.2g/ml
Sieve Analysis	Min 97% through 20 Mesh Max 40% through 100 mesh Max 5% through 325 mesh
Powder Flow	With good flow ability
Identification	According with the test
Assay(on dry basis)%	98.0--105.0(200°C, 3h)
Calcium, %	22.80-24.43
P2O5 Content(Anhydrous basis)%	50.0--52.5
Loss on ignition, (After ignition at 800°C±25°C for 30minutes) %	24.5-26.5
Fluride(F)	≤50mg/kg
Arsenic(As)	Max 2.0 ppm
Lead(Pb)	Max 0.3 ppm
Cadmium(Cd)	Max 2.0 ppm
Mercury(Hg)	Max 0.3 ppm
Total plate count	Max 1,000cfu/g
Yeast/mold	Max 100cfu/g
E.coli	Negative in 1 g
Salmonella	Negative in 10 g
Acid-insoluble substances %	≤0.05
Carbonates	Pass test
Sulphates %	≤0.5
Heavy metals, as Pb	≤30mg/kg
Barium(Ba)	Pass test
Iron, %	≤0.04%
Chloride%	0.033max
Aluminium,ppm	≤200



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Formula: $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$

CAS NO.: 7789-77-7

Description: A white, odorless, tasteless powder. It is stable in air.

Applications

- Dry Mixes
- Cereals
- Orange Juice
- Processed Food
- Vitamins
- Prescription & OTC Tablets
- Dental
- Table salt

Manufacturer's Certifications

- Star-K Kosher Certified
- Halal Certified
- ISO9001, ISO22000, ISO14001
- FSSC, BRC
- FDA

USES

Dentifrice: As a polishing agent (抛光剂)

Pharmaceutical: In the manufacture of pharmaceutical tablets and as a source of calcium and phosphorus in nutritional supplements

Food: Fortification of cereals and other processed foods

PACKING AND STORAGE

- 25kg/ net paper bag with PE bag inner.
- Store in dry, well ventilated warehouse and keep away from direct sunlight
- Shelf life--- two years

For and on behalf of
LIANYUNGANG SHUREN KECHUANG
FOOD ADDITIVE CO., LTD.


Authorized Signature(s)