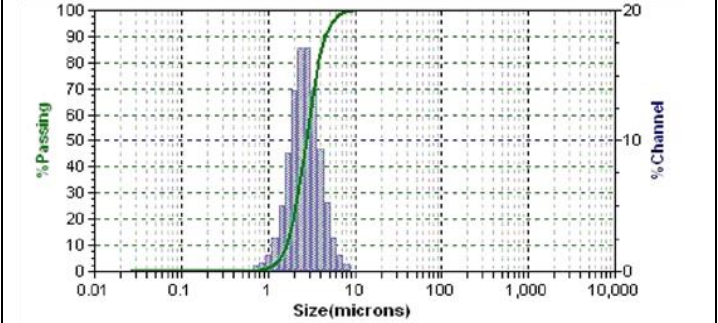


EU10A

Formula: $\text{Ca}_3(\text{PO}_4)_2$ Product: Tricalcium Phosphate (TCP) Food Grade Other names: Precipitated Calcium Phosphate- $\text{Ca}_5\text{OH}(\text{PO}_4)_3$ Calcium Hydroxyapatite- $\text{Ca}_{10}(\text{OH})_2(\text{PO}_4)_6$ INS: E341iii IUPAC: Tricalcium bis (phosphate) MW: 310.18 g/mol CAS#: [7758-87-4] [1306-06-5]; [62974-97-4] Appearance: White, amorphous powder Taste: Tasteless Odor: Odorless Solubility: Almost insoluble in water Insoluble in alcohol Shelf Life: 3 Years Storage: Store in cool dry place.	EU10A (Ultra Fine)	(E341iii) Typical
	Particle Size: Packed Density: D98 less than: D90 less than: D50 less than:	10.0 μm 18lb/ft ³ 10.00 μm 9.5 μm 3.0 μm



Chemical/Physical Parameters			ADDITIONAL PARAMETERS	
Analysis	Specification	Typical	Bovine Constituents	None
Assay Ca	34.0-40.0 %	38.0 %	Recombinant DNA	None
Arsenic	<1.0 ppm	<1.0 ppm	Hormones/Antibiotics	None
Aluminum	<200 ppm	<175 ppm	Insecticides	None
Cadmium	<1.0 ppm	<0.5 ppm	GMO's	None
Fluoride	<50.0 ppm	<50.0 ppm	Artificial Colors	None
Lead	<1.0 ppm	<0.5 ppm	Irradiation/Radioactivity	None
Mercury	<1.0 ppm	<1.0 ppm	NUTRITIONAL VALUES	
Loss on ignition	< 10.0 %	5.0 %	Fat	None
pH	6.0-7.5	7.0	Calories	None
Density (ASG)	0.370-0.455	0.408	Protein	None
D50:	<3.0 μm	2.8 μm	Vitamins	None
D90:	<9.5 μm	8.0 μm	Carbohydrates	None
D98:	<10.00 μm	9.9 μm	Calcium	34—40%
			Phosphates	55.2—57.2%

Complies with latest Food Chemical Codex and COMMISSION REGULATION (EU) No 231/2012 of 9 March 2012 on food additives

Main uses: Flow agent, anti-caking agent, calcium/phosphorus fortification. *Refer to NEI Application Sheet for additional uses.

Certifications/Registers: Halal, Kosher, FDA, SQF Certified Facility.

Vegetarians: NEI's TCP is well suited for vegetarians and vegan diets.

Raw Materials: NEI uses domestically sourced raw materials low in Fluoride, heavy metals, & Aluminum to ensure production of high-quality food grade TCP.

HACCP: HACCP practices are followed throughout the manufacturing process to ensure compliance with Good Manufacturing Practices (GMP) Guidelines.

Product Usage Guideline: Product above 150 ppm in Aluminum is not to be used in foods for infants and small children per EUFSA Guidelines and regulations.

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