

EU600A

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| 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. | EU600A (E341iii) (Coarse) Typical | |
| | Particle Size: 600.0 um Packed Density: 53lb/ft3 Held on 100mesh: 40-70% | |

| 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 |
| Held on 20 Mesh. | <0.20 % | 0.19 % | Protein | None |
| Density (ASG) | 0.625-1.111 | 0.800 | Vitamins | None |
| | | | Carbohydrates | None |
| | | | 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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