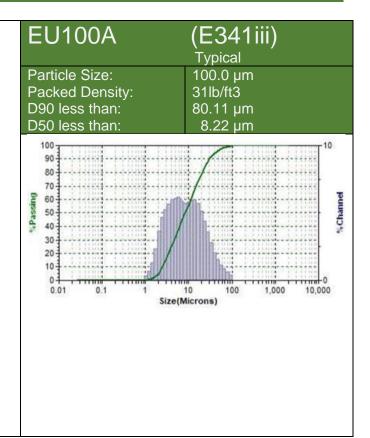
EU100A Custom

| Formula: | $Ca_{10}(OH)_2(PO_4)_6$ | | | |
|-----------------------|---|--|--|--|
| Product: | Calcium Phosphate, Tribasic | | | |
| rioudet. | Food Grade | | | |
| Other names: | | | | |
| Other names: | Tricalcium Phosphate (TCP)- | | | |
| | Ca ₃ (PO ₄) ₂ | | | |
| | Calcium Hydroxyapatite | | | |
| | Ca10(OH)2(PO4)6 | | | |
| | Precipitated Calcium Phosphate- | | | |
| | Ca₅OH(PO₄)₃ | | | |
| INS: | E341iii | | | |
| IUPAC: | Tricalcium bis (phosphate) | | | |
| | | | | |
| MW: | 1004.61 g/mol | | | |
| CAS#: | | | | |
| CASII. | [7758-87-4]; | | | |
| | [62974-97-4][1306-06-5] | | | |
| A 19 19 29 19 19 20 1 | | | | |
| Appearance: | White powder, stable in air | | | |
| Taste: | Tasteless | | | |
| Odor: | Odorless | | | |
| Solubility: | Almost insoluble in water | | | |
| | Insoluble in alcohol | | | |
| Shelf Life: | 3 Years | | | |
| Storage: | Store in cool dry place. | | | |



| Chemical/Physical Parameters | | | ADDITIONAL PARAMETERS | |
|--|---------------------------------------|--|--|--------------------------------------|
| <u>Analysis</u> | Specification | Typical | Bovine Constituents | None |
| Assay Ca Arsenic Aluminum Cadmium | 34.0-40.0 % <1.0 ppm <200.0 ppm | 38.0 % <1.0 ppm <175.0 ppm <0.5 ppm | Hormones/AntibioticsNoInsecticidesNoGMO'sNo | None None None None |
| Fluoride Lead | <1.0 ppm <50.0 ppm <1.0 ppm | <50.0 ppm <0.5 ppm | Artificial Colors Irradiation/Radioactivity NUTRITIONAL VALUES | None None |
| Mercury Loss on ignition pH | <1.0 ppm <10.0% 6.0-7.5 | <1.0 ppm 5.0 % 7.0 | Fat Calories Protein | None None None |
| Held on 140 Mesh. Through 325 mesh Density (ASG) | <0.50 % >95.0 % 0.455-0.548 | 0.2 % 99.0 % 0.500 g/cc | Vitamins Carbohydrates Calcium Phosphates | None None 34—40% 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. Disclaimer: The values listed above are best estimates of what can be expected to be found in the product due to variability in production methodology.

Natural Enrichment Industries 1801 W. Oak Street Herrin, IL 62948 Ph: 618-942-2112 www.neitcp.com <u>sales@neitcp.com</u> Effective 10/18/2023





