

μFlo/PCHA400

Formula:	Ca ₁₀ (OH) ₂ (PO ₄) ₆	MicroFlo (Medium Coarse)	Typical
Product:	Tricalcium Phosphate (TCP) Food Grade		
Other names:	Precipitated Calcium Phosphate Calcium Hydroxyapatite	Particle Size:	400.0 μm
INS:	E341iii	Packed Density:	54lb/ft ³
IUPAC:	Tricalcium bis (phosphate)	Held on 20 Mesh	0.10 %
MW:	1004.61 g/mol		
CAS#:	[7758-87-4] [1306-06-5]; [62974-97-4]		
Appearance:	White powder, stable in air		
Taste:	Tasteless		
Odor:	Odorless		
Solubility:	Almost insoluble in water Insoluble in alcohol Dissolves readily in HCl and HNO ₃		
Shelf Life:	3 Years		
Storage:	Store in cool dry place.		

Chemical/Physical Parameters			ADDITIONAL PARAMETERS	
Analysis	Specification	Typical		
Assay Ca	34.0-40.0 %	38.0 %	Bovine Constituents	None
Arsenic	<3.0 ppm	<1.0 ppm	Recombinant DNA	None
Fluoride	<75.0 ppm	<50.0 ppm	Hormones/Antibiotics	None
Lead	<2.0 ppm	<0.5 ppm	Insecticides	None
Loss on ignition	<10.0 %	5.0 %	GMO's	None
pH	6.0-7.5	7.0	Artificial Colors	None
Held on 100 Mesh.	40.0-80.0 %	55.0 %	Irradiation/Radioactivity	None
Density (ASG)	0.625-1.111	0.870	NUTRITIONAL VALUES	
			Fat	None
			Calories	None
			Protein	None
			Vitamins	None
			Carbohydrates	None
			Calcium	34—40%
			Phosphates	55.2—57.2%

Complies with the Food Chemical Codex (FCC).

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 heavy metals 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: The product is Generally Recognized as Safe (GRAS) when used in conjunction with GMPs.

Natural Enrichment Industries
1800 W. Oak Street Herrin, IL 62948
Ph: 618-942-2112
www.neitcp.com
sales@neitcp.com
6/17/2021 RJB

