

Identification

Trade name	APA-TCP
IUPAC name	Tricalcium diphosphate
CAS number	7758-87-4
EC number	231-840-8
Chemical formula	Ca ₃ (PO ₄) ₂

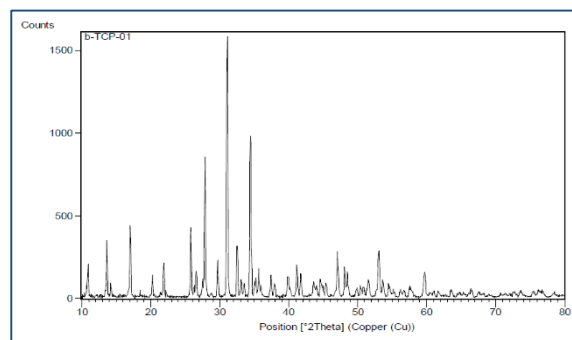


Figure 1. XRD spectrum of APA-TCP

Product Information

	Unit	Specification
Phase Purity	%	100
Total heavy metals (as Pb)	ppm	< 20
Loss On Ignition	%	0.34
Bulk density	g/cm ³	3.03
Particle type	Microparticles	
Particle size	under request	
Physical appearance	White and odorless powder	



Microbial Tests

	Unit	Result
Total aerobic microbial count	cfu/gm	2* 10 ²
Total yeast and mold count	cfu/gm	< 10
E.coli	Negative/gm	Absent
Pseudomonas aeruginosa	Negative/gm	Absent
Staphylococcus aureus	Negative/gm	Absent

Package:

Available in PE food grade containers at different sizes.

Storage, Safety and Handling

Keep it in a closed container at room temperature in a clean and dry place.



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