

Identification

Trade name	APA-nCHA-aq
Name	Nano structured Carbonated Hydroxyapatite-aqueous paste
CAS number	12167-74-7
EC number	235-330-6
Chemical formula	$Ca_{10-x/2}(CO_3)_x(OH)_2 \quad X < 2$

Product Information

	Unit	Specification
Phase Purity	%	100
Total heavy metals (as Pb)	ppm	< 20
Loss On Ignition	%	5.06
Bulk density	g/cm ³	1.11
Particle type	nano structured Microparticles	
Particle size	under request	
Physical appearance	White paste	



Microbial Tests

	Unit	Result
Total aerobic microbial count	cfu/gm	< 10
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. Do not freeze.

Container should be stirred before every use to homogenise the product.



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