

Identification

Trade name	APA-Bioglass45S5
Name	Bioactive glass (45S5)
CAS number	65997-17-3
EC number	266-046-0

Product Information

	Unit	Specification
SiO ₂	%	45±2
P ₂ O ₅	%	6±1
CaO	%	24.5±2
Na ₂ O	%	24.5±2
Total heavy metals (as Pb)	ppm	< 20
Loss On Ignition	%	0.01
Bulk density	g/cm ³	3.33
Particle type	Microparticles	
Particle size	under request	
Physical appearance	White and odorless powder	



Microbial Test

	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.



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