Technical Data Sheet

Product Name: Ceramat Consumer Grade Nano HAp

Mol. Formula: [$Ca_{10}(PO_4)_6(OH)_2$]

Mol. Weight: 1004.62 g/mol

CAS No.: 12167-74-7 /1306-06-5

Sr. No.	Tests	Test Methods/Reference	Specifications
1.	Phase Analysis	XRD	Conforms with ICDD file no. 09-0432
2.	Appearance	Visual Inspection	Milky white with no other-coloured impurity.
3.	Particle Size	TEM	< 100 nm
4.	Bulk Density	Manually (Mass/Volume)	0.1 to 0.6 gm/cc
5.	Calcium as Ca	ICP	34 to 41 %
6.	Heavy Metal Content	ICP	As ≤ 3 ppm Cd ≤ 5 ppm Hg ≤ 5 ppm Pb ≤ 30 ppm

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