

Follow us:



Silver Coated Hydroxyapatite Nanoparticles

NS6130-09-924

Purity
99%
 CAS No.
1306-06-5

Hydroxyapatite is frequently used as bioactive material, because it is about 69 % of the bone, tooth enamel and dentine inorganic content. Applications of HA include implant coating, periodontal treatment, alveolar ridge augmentation, maxillofacial surgery, and otolaryngology. Silver and silver ions have long been known to have antimicrobial activity, and in certain given concentrations, do not generate toxicity in human cells. Ag:HAP-NPs possess excellent antibacterial properties.

Technical Specification:

Molecular Formula	Loss on drying	pH	Standard Plate Count	Yeast and Mould Count
Ag-HAp	1.0%	6.5~6.8	140 cfu/g	033 cfu/g

Chemical Composition

Product	Weight Percent (nominal)	Other Metal
Silver Coated Hydroxyapatite Nanoparticles	99%	8500 ppm

Applications:

- ✓ Reduce tooth infections
- ✓ Used in wound dressings
- ✓ Used to improve water quality.


 ISO 9001:2015
 CERTIFIED COMPANY


202ICE4588C



192AZGO1274G



202ICE4588M

INTELLIGENT MATERIALS PVT LTD
 Derabassi
 Punjab (140507)
 INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
 Chapel House,
 Chapel St Cheshire,
 CW12 4AB United Kingdom

+44 1782 454 144, +44 74 105 48802

NANOSHEL LLC
 3422 Old Capitol Suit
 1305 Wilmington DE - 19808
 United States

+1 646 470 4911