

Specification Sheet

Hydroxyapatite Nanoparticles

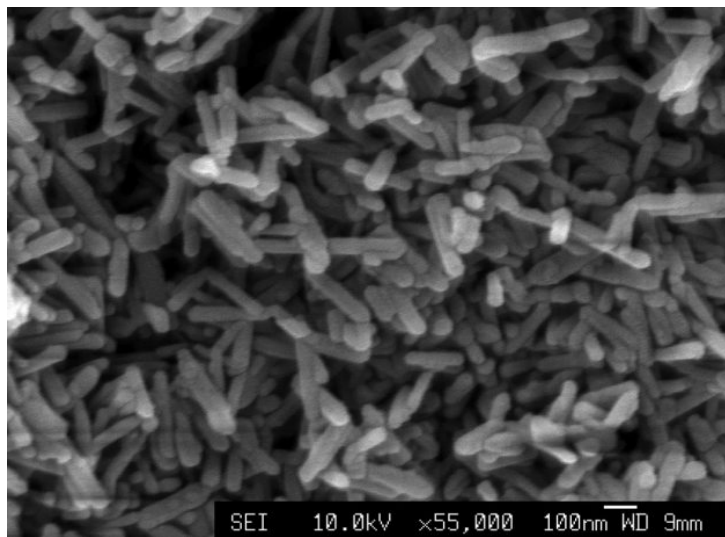
($[\text{Ca}_5(\text{OH})(\text{PO}_4)_3]_x$, Purity: >99% APS: < 50nm)

Stock No: NS6130-09-919, CAS: 1306-06-5

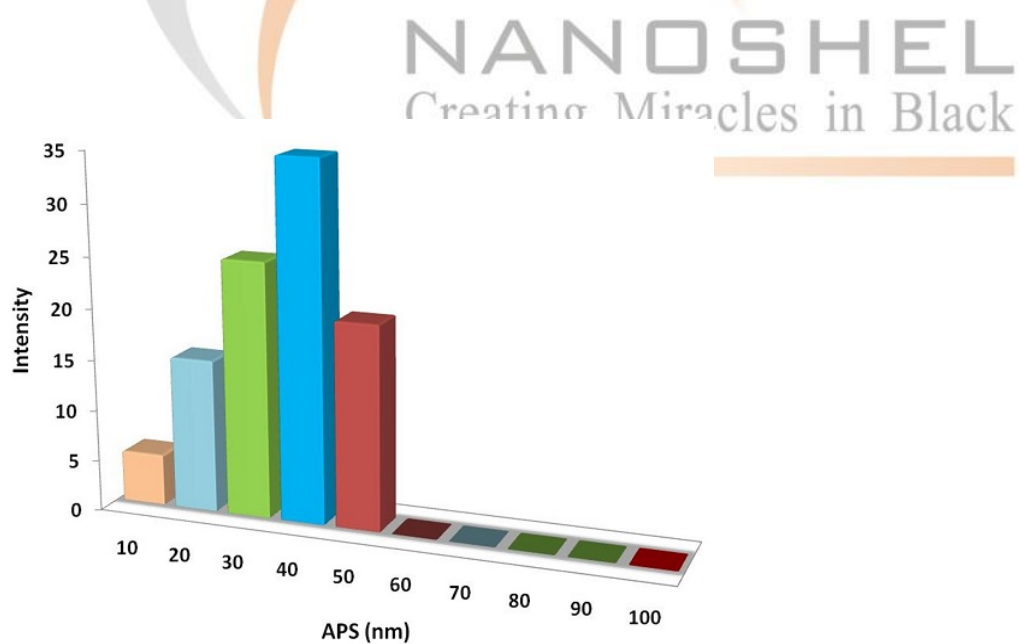
Product	:	Hydroxyapatite Nanoparticles
Stock No	:	NS6130-09-919
CAS	:	1306-06-5
Purity	:	>99%
APS	:	< 50nm
Molecular Formula	:	$[\text{Ca}_5(\text{OH})(\text{PO}_4)_3]_x$
Molecular Weight	:	502.31g/mol
Color	:	White
Specific Gravity	:	3.0 –3.3 g/cc
Melting Point	:	1100 °C
Relative density	:	3.140 g/cm ³
Solubility	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of Hydroxyapatite Nanoparticles



SEM - Hydroxyapatite Nanoparticles



Particles Size Analysis - Hydroxyapatite Nanoparticles