

Specification Sheet

[Ca₅

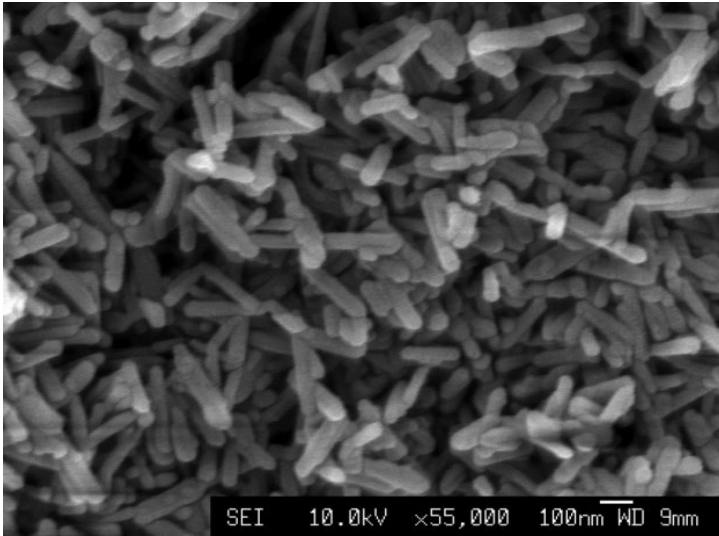
(OH)(PO₄)₃]_x, Purity: >99% APS: < 80nm

Stock No: NS6130-09-919, CAS: 12167-74-7

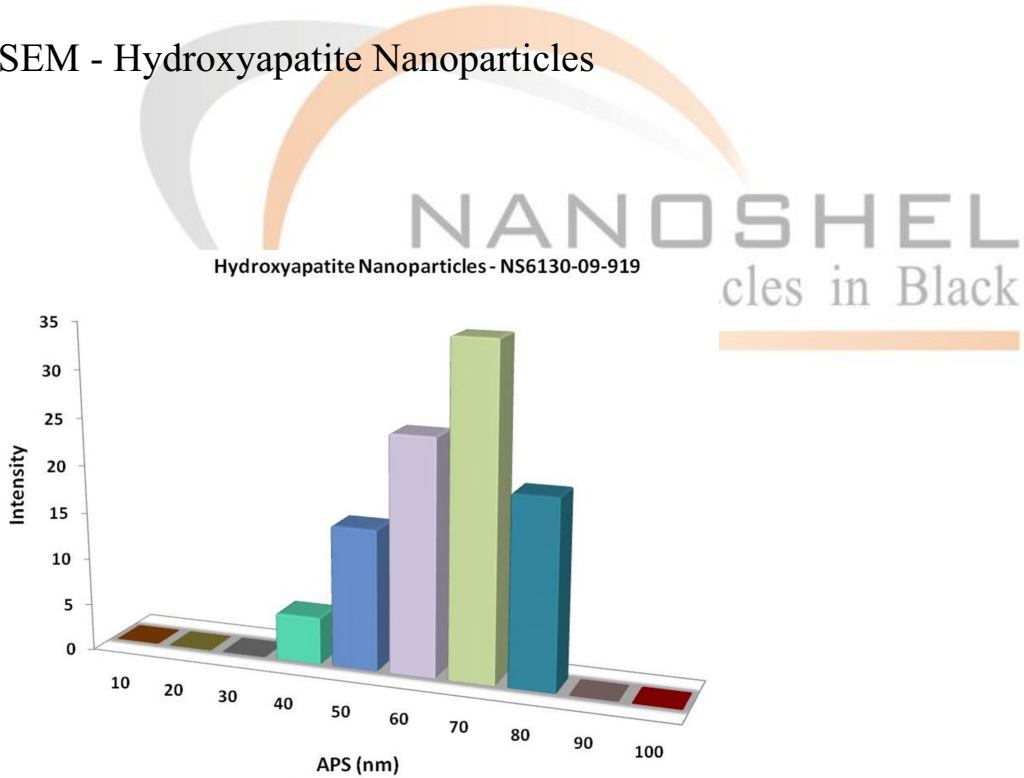
Product	:	Hydroxyapatite Nanoparticles
Stock No	:	NS6130-09-919
CAS	:	12167-74-7
Purity	:	>99%
APS	:	< 80nm
Molecular Formula	:	[Ca ₅ (OH)(PO ₄) ₃] _x
Molecular Weight	:	502.31g/mol
Color	:	White
Specific Gravity	:	3.0 –3.3 g/cc
Melting Point	:	1100 °C
Relative density	:	3.140 g/cm ³
Solubility	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

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

Characterization of [Ca5



SEM - Hydroxyapatite Nanoparticles



Particles Size Analysis - Hydroxyapatite Nanoparticles