

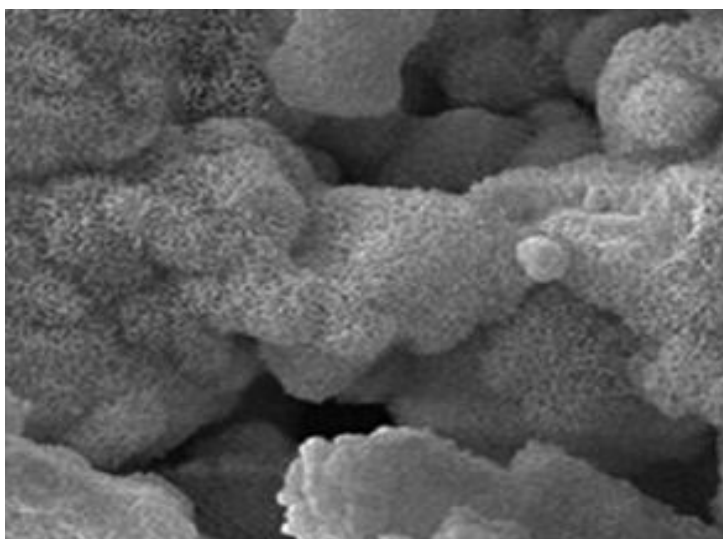
## Specification Sheet

Tricalcium Phosphate Nanoparticles {Ca<sub>3</sub>  
(PO<sub>4</sub>)<sub>2</sub>, Purity: 99.9%, APS: < 80nm}  
Stock No: NS6130-02-257, CAS: 7758-87-4

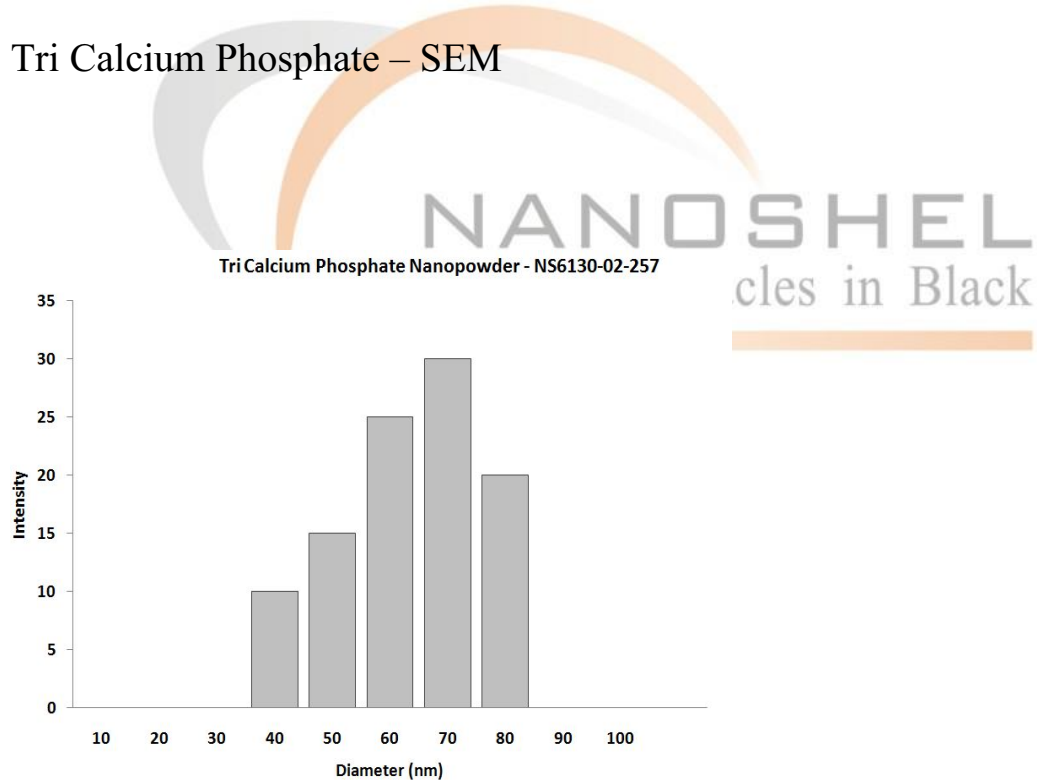
<b>Product</b>	:	<b>Tricalcium Phosphate Nanoparticles</b>
Stock No.	:	NS6130-02-257
CAS	:	7758-87-4
APS	:	< 80nm
Purity	:	99.9 %
Molecular Formula	:	Ca <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>
Molecular Weight	:	310-18 g/mol
Form	:	Powder
Color	:	White shapeless powder
Density	:	3.18 g/cm <sup>3</sup>
Melting Point	:	>450°C
Solubility	:	Soluble in Water
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

## Characterization of Tricalcium Phosphate Nanoparticles {Ca<sub>3</sub>



Tri Calcium Phosphate – SEM



Tricalcium Phosphate Nanoparticles – Size Analysis