

## Specification Sheet

### Barium Titanate Nanoparticles

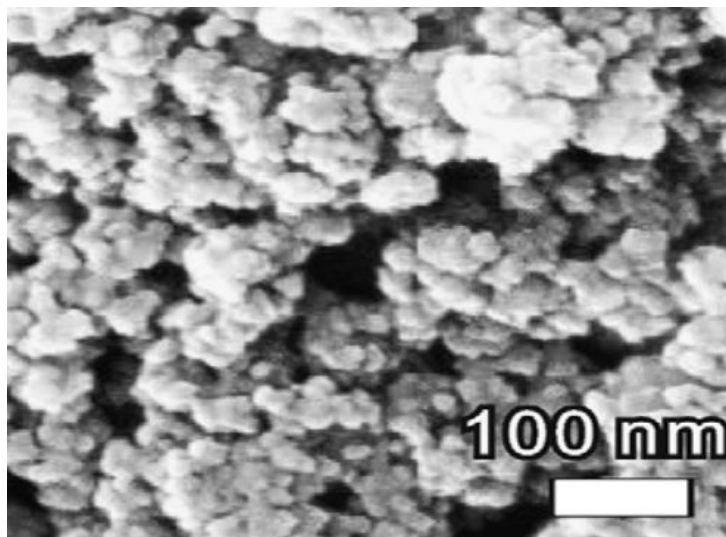
(BaTiO<sub>3</sub>, Purity: 99.9%, APS: 200nm)

Stock No: NS6130-02-222, CAS: 12047-27-7

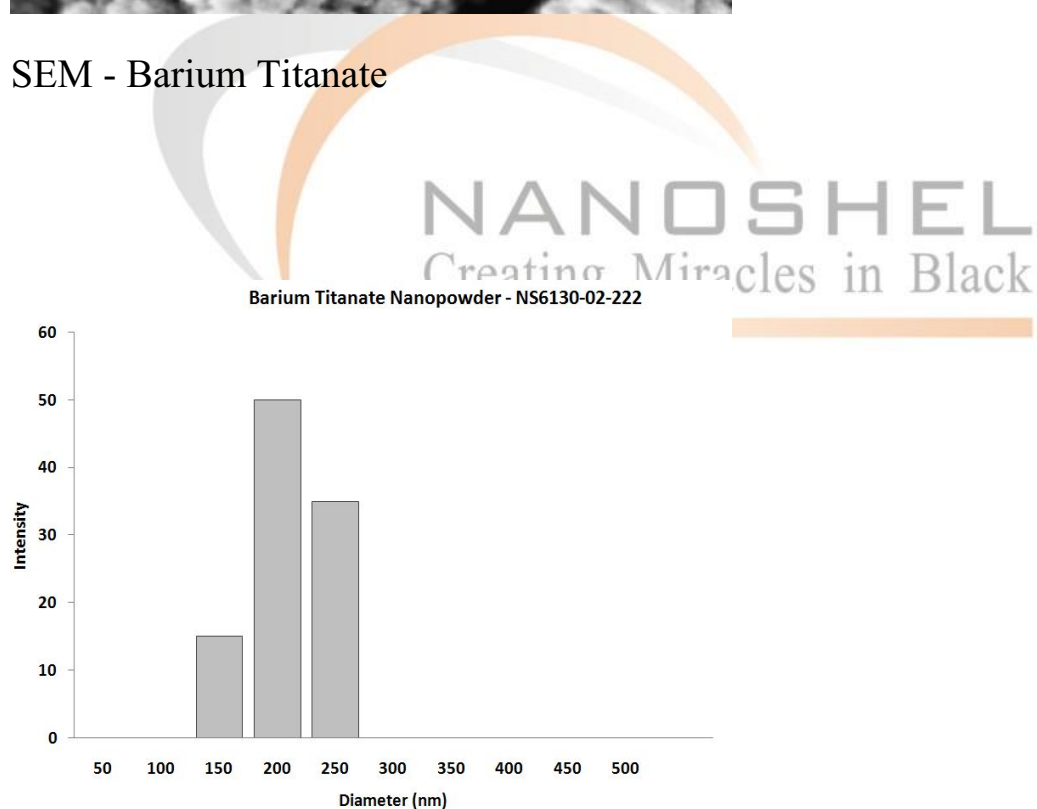
<b>Product</b>	:	<b>Barium Titanate Nanoparticles</b>
Stock No.	:	NS6130-02-222
CAS	:	12047-27-7
APS	:	200 nm
Purity	:	99.9 %
Molecular Formula	:	BaTiO <sub>3</sub>
Molecular Weight	:	233.192 g/mol
Form	:	Powder
Color	:	White to Off-White
Density	:	5.8 g/cm <sup>3</sup>
Melting Point	:	1625 °C
Dielectric Constant	:	6200 to 7000 (at curie Point)
Solubility	:	Insoluble in water
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

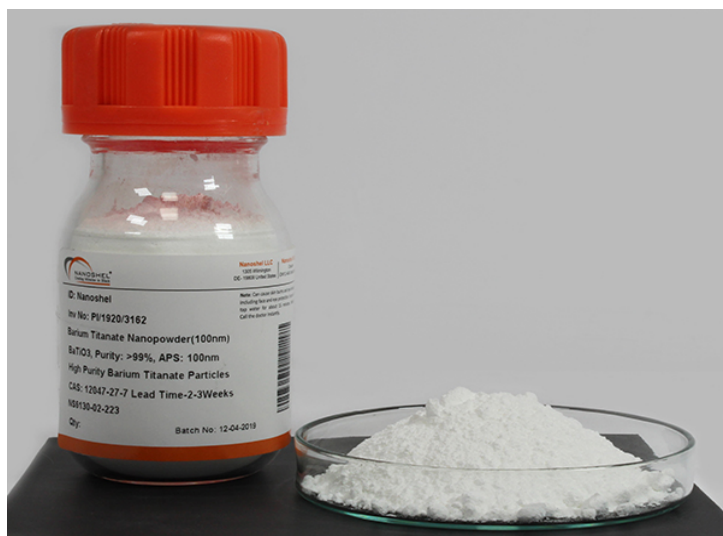
## Characterization of Barium Titanate Nanoparticles



SEM - Barium Titanate



Particles Size Analysis



Barium Titanate

