

## Specification Sheet

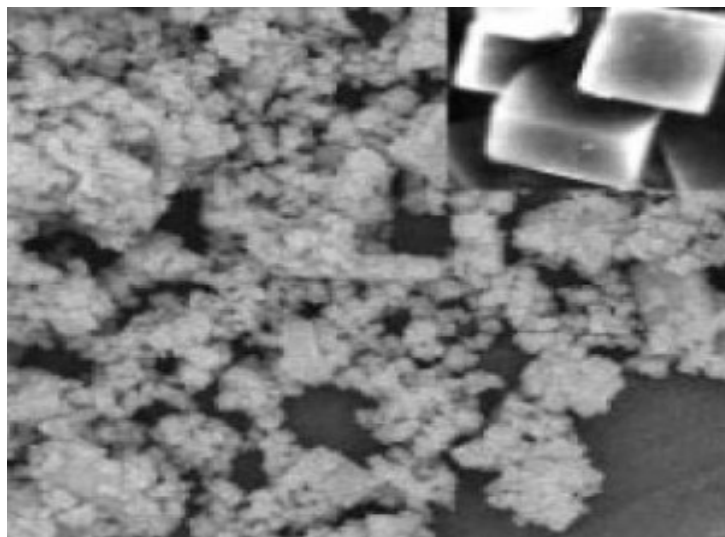
### Barium Fluoride Nanopowder

Stock No: NS6130-12-000421, CAS: 7787-32-8

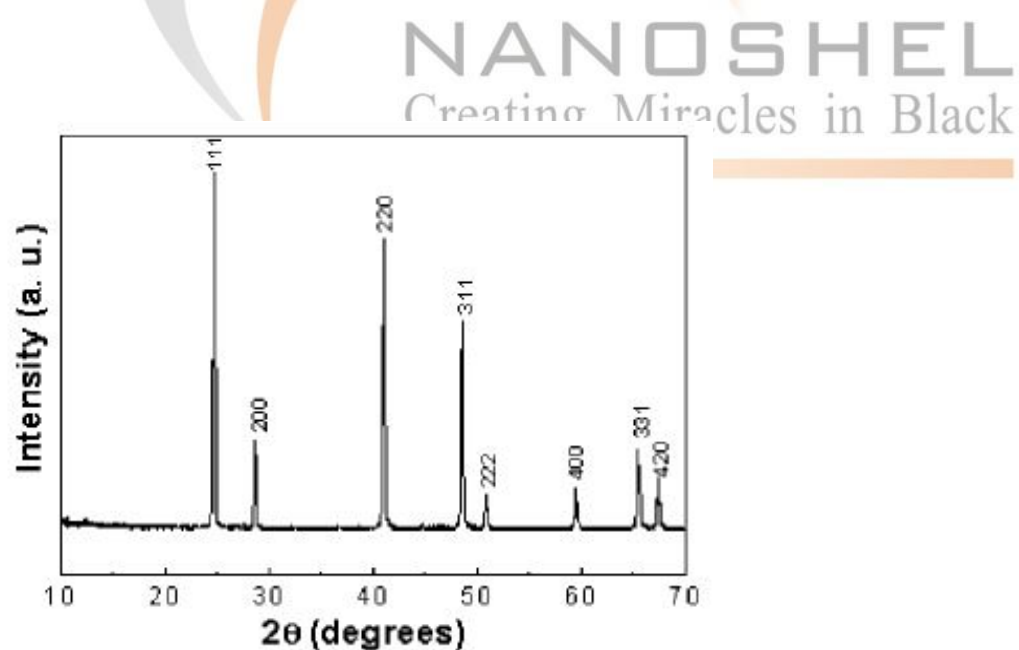
<b>Product</b>	:	<b>Barium Fluoride Nanopowder</b>
Stock No.	:	NS6130-12-000421
CAS	:	7787-32-8
APS	:	30-50 nm
Purity	:	99.9%
Molecular Formula	:	BaF <sub>2</sub>
Molecular Weight	:	175.34 g/mol
Form	:	Crystalline Powder
Crystallographic Structure	:	Fluorite (Cubic)
Colour	:	White
Density	:	4.893 g/cm <sup>3</sup>
Melting Point	:	1368 °C
Boiling Point	:	2260 °C
Solubility in Water	:	0.16 g/100mL (20°C)
Solubility	:	Soluble in Methanol, Ethanol
Available Quantities	:	25Gms, 50Gms, 100Gms and larger quantities
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

## Characterization of Barium Fluoride Nanopowder



SEM of Barium Fluoride



XRD Spectra of Barium Fluoride