

## Specification Sheet

### Zirconium Nanoparticles

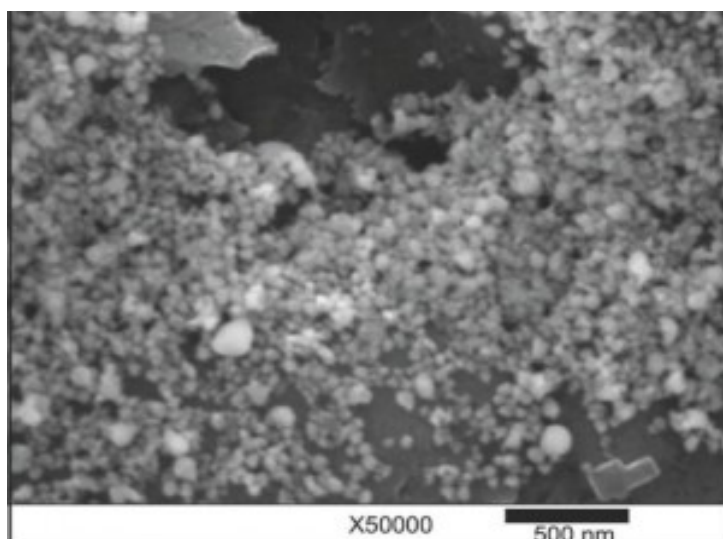
(Zr, Purity: 99.9%, APS: < 50nm)

Stock No: NS6130-01-180, CAS: 7440-67-7

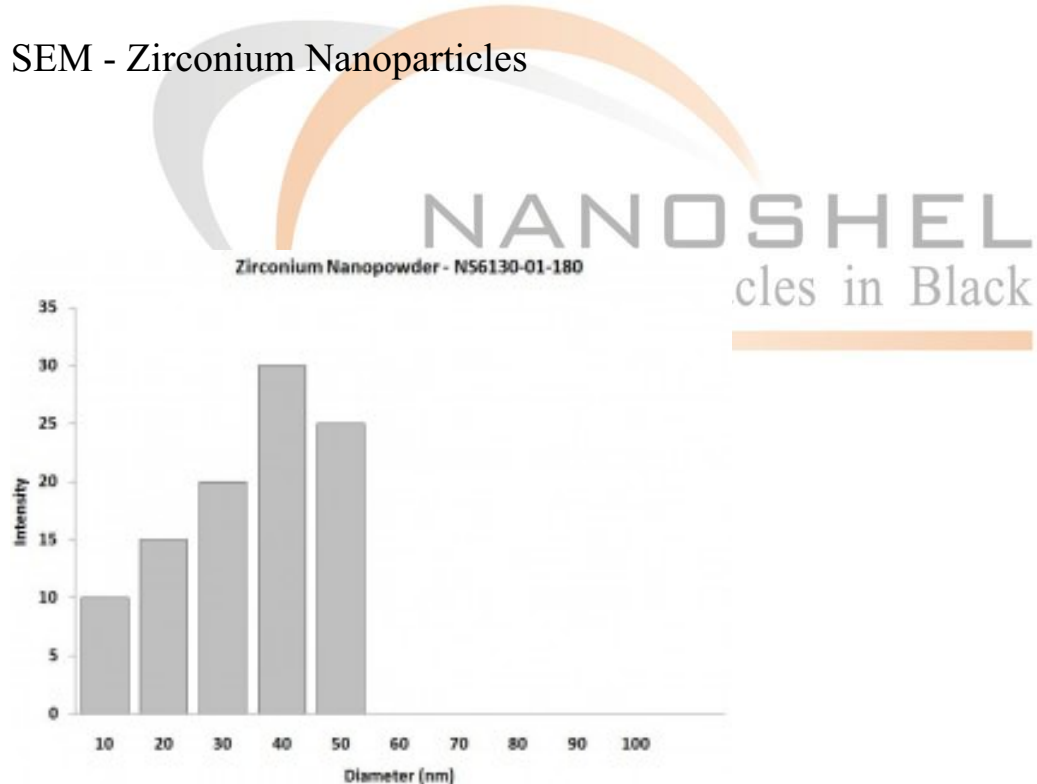
<b>Product</b>	:	<b>Zirconium Nanoparticles</b>
Stock No	:	NS6130-01-180
CAS	:	7440-67-7
Purity	:	99.9 %
APS	:	< 50nm
Molecular Formula	:	Zr
Molecular Weight	:	91.242 g/mol
Form	:	Powder
Color	:	Gray
Density	:	6.52 g/cm <sup>3</sup>
Melting Point	:	1855 °C
Boiling Point	:	3580 °C
Poisson's Ratio	:	0.34
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

## Characterization of Zirconium Nanoparticles



### SEM - Zirconium Nanoparticles



### Particles Size Analysis - Zr Nanoparticles