

## Specification Sheet

### Nano Nickel Zinc Ferrite Powder

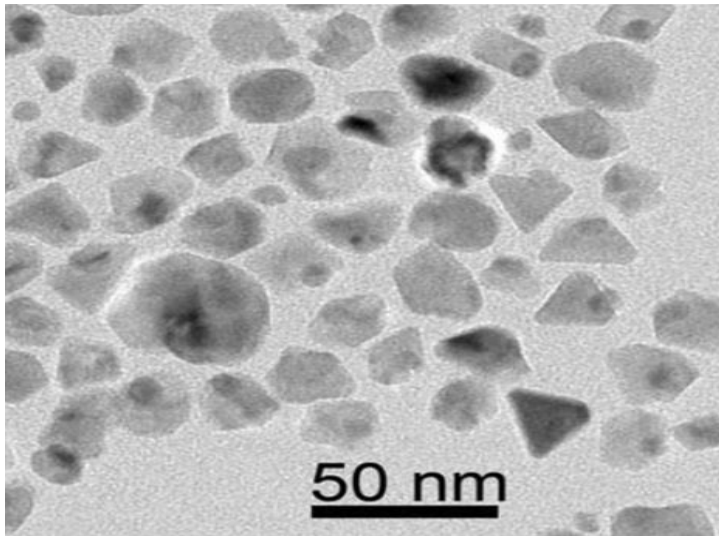
(Ni<sub>0.5</sub>Zn<sub>0.5</sub>Fe<sub>2</sub>O<sub>4</sub>, Purity: 99.9%, APS: < 30 nm)

Stock No: NS6130-02-230, CAS: 12645-50-0

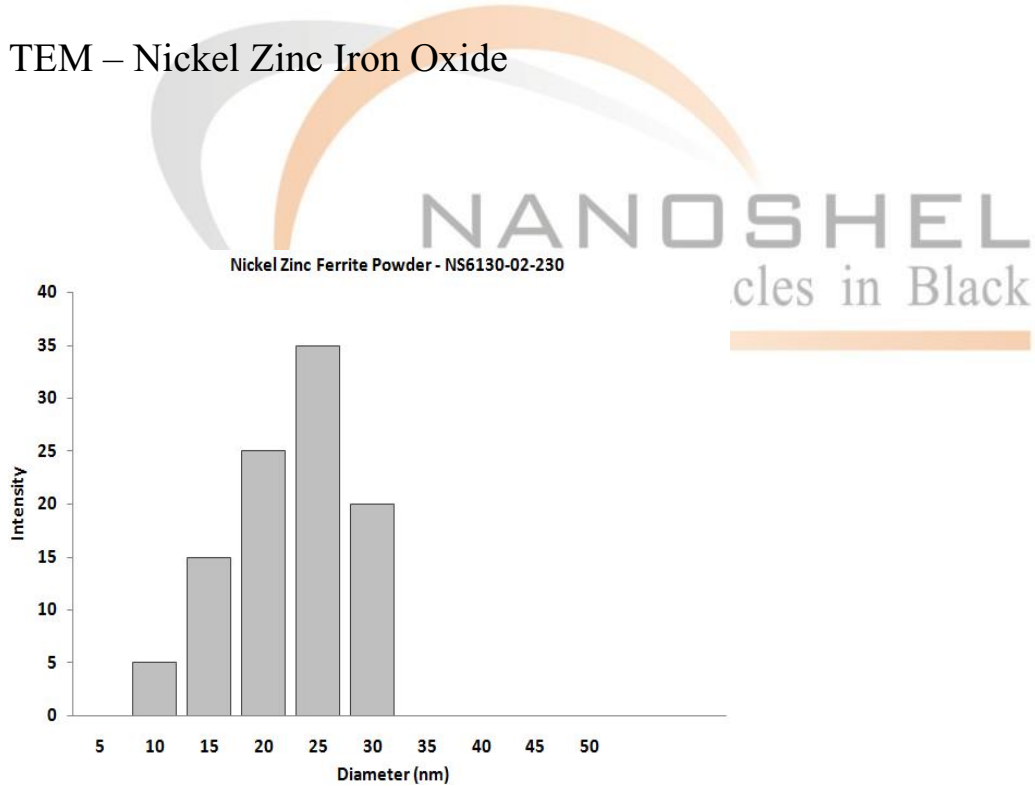
<b>Product</b>	:	<b>Nickel Zinc Ferrite Powder</b>
Stock No.	:	NS6130-02-230
CAS	:	12645-50-0
APS	:	< 30 nm
Purity	:	99.9%
Molecular Formula	:	Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub>
Molecular Weight	:	411.46 g/mol
Form	:	Powder
Color	:	Dark Brown
Density	:	2.81 g/cm <sup>3</sup>
Bulk Density	:	~0.80 g/cm <sup>3</sup>
Coercivity	:	530e
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 Nano Nickel Zinc Ferrite Powder



### TEM – Nickel Zinc Iron Oxide



### Size Analysis – Nickel Zinc Iron Oxide Powder