

Specification Sheet

Nano Nickel Zinc Ferrite Powder

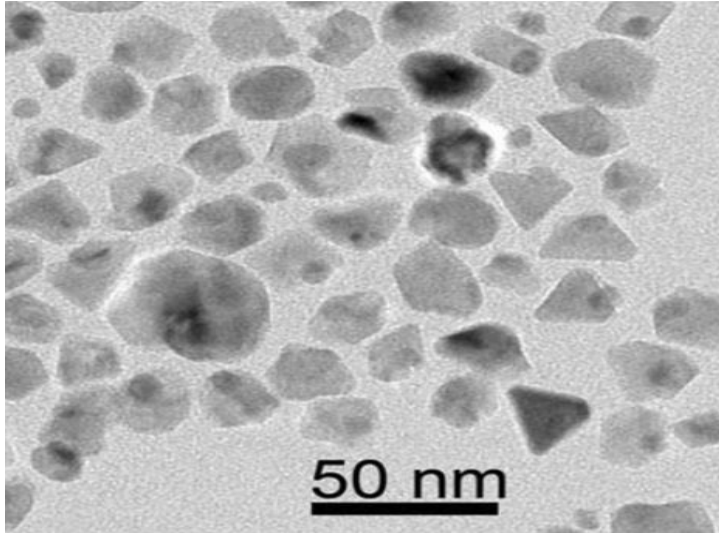
(Ni_{0.5}Zn_{0.5}Fe₂O₄, Purity: 99.9%, APS: < 30 nm)

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

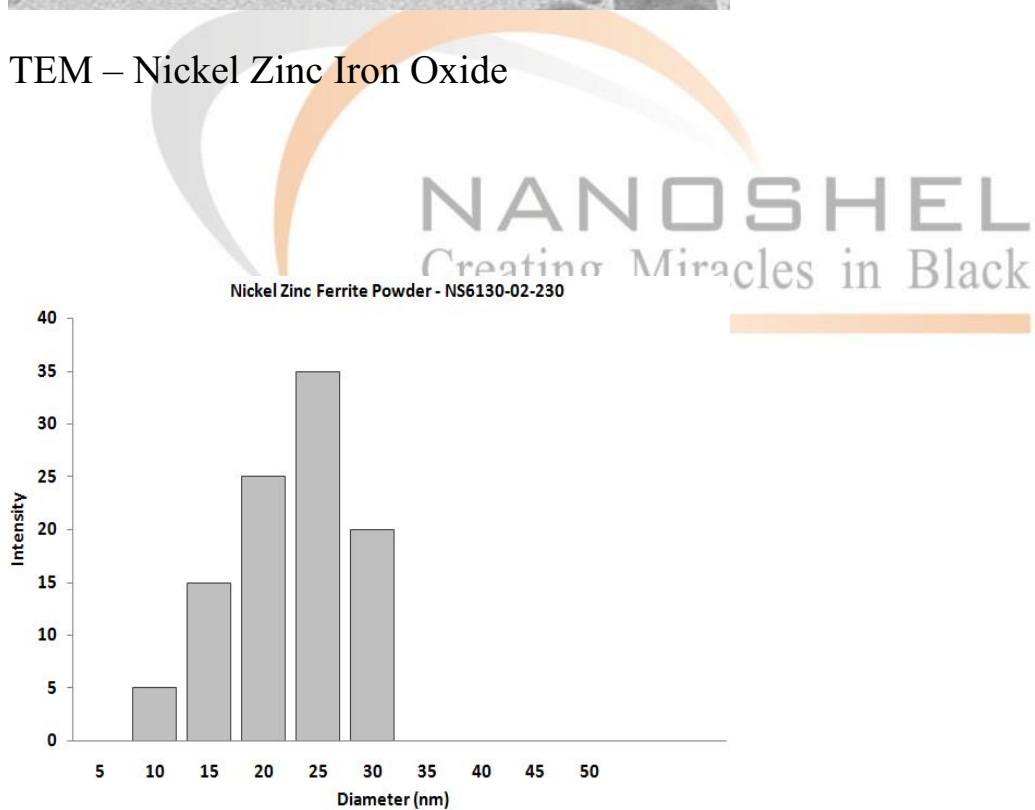
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|------------------------------|---|--|
| Product | : | Nickel Zinc Ferrite Powder |
| Stock No. | : | NS6130-02-230 |
| CAS | : | 12645-50-0 |
| APS | : | < 30 nm |
| Purity | : | 99.9% |
| Molecular Formula | : | Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ |
| Molecular Weight | : | 411.46 g/mol |
| Form | : | Powder |
| Color | : | Dark Brown |
| Density | : | 2.81 g/cm ³ |
| Bulk Density | : | ~0.80 g/cm ³ |
| Coercivity | : | 53Oe |
| Solubility | : | Insoluble in water |
| Main Inspect Verifier | : | Manager QC |

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