

## Specification Sheet

### Cobalt Ferrite Nanoparticles

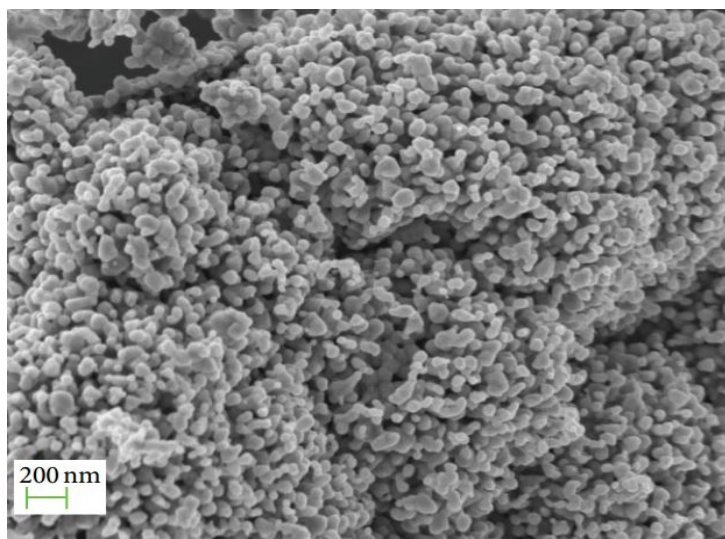
(CoFe<sub>2</sub>O<sub>4</sub>, High Purity 99.9%, APS: 30nm)

Stock No: NS6130-02-225, CAS: 12052-28-7

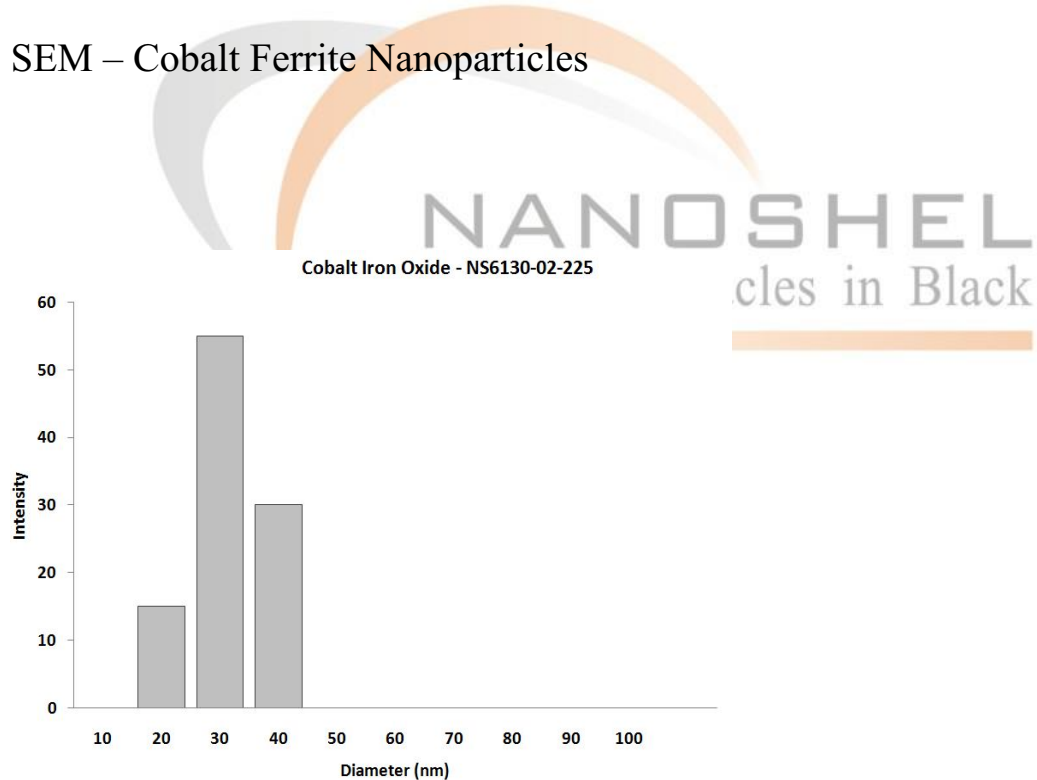
|                              |   |                                     |
|------------------------------|---|-------------------------------------|
| <b>Product</b>               | : | <b>Cobalt Ferrite Nanoparticles</b> |
| Stock No.                    | : | NS6130-02-225                       |
| CAS                          | : | 12052-28-7                          |
| APS                          | : | 30 nm                               |
| Purity                       | : | 99.9 %                              |
| Molecular Weight             | : | 234.62 g/mol                        |
| Form                         | : | Powder                              |
| Color                        | : | Black/Gray                          |
| Density                      | : | 5.3 g/cm <sup>3</sup>               |
| Melting Point                | : | >400 °C                             |
| 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 Cobalt Ferrite Nanoparticles



SEM – Cobalt Ferrite Nanoparticles



Cobalt Iron Oxide – Size Analysis