

Specification Sheet

Stainless Steel Nanoparticles

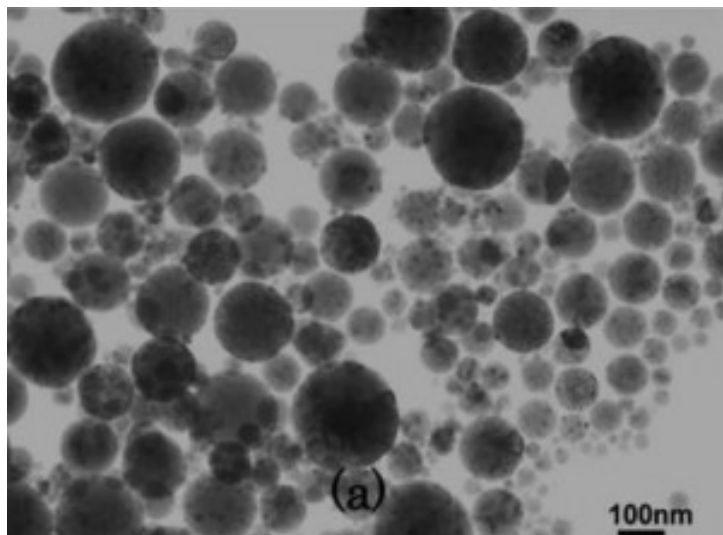
(Fe/Cr/Ni, High Purity: 99.9%, APS: 70nm)

Stock No: NS6130-01-150, CAS: 65997-19-5

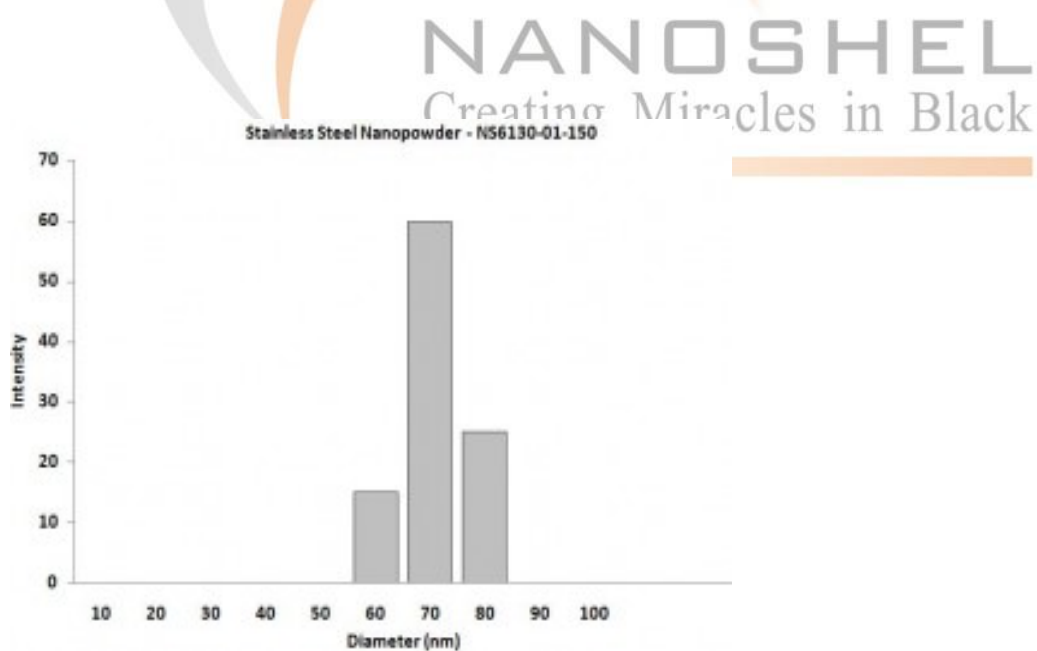
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|------------------------------|---|--------------------------------------|
| Product | : | Stainless Steel Nanoparticles |
| Stock No | : | NS6130-01-150 |
| CAS | : | 65997-19-5 |
| Purity | : | 99.9% |
| APS | : | 70 nm |
| Molecular Formula | : | Fe/Cr/Ni |
| Form | : | Powder |
| Color | : | Grey |
| Morphology | : | Irregular |
| Density | : | 7.86g/cm ³ |
| Melting Point | : | 1535 °C |
| Boiling Point | : | 3000 °C |
| Tensile Strength | : | < 485 MPa |
| Solubility | : | Insoluble in water |
| Main Inspect Verifier | : | Manager QC |

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

Characterization of Stainless Steel Nanoparticles



TEM - Stainless Steel Nanoparticles



Particles Size Analysis - SS Nanopowder