

Specification Sheet

Iron Pyrite Alloy Nanopowder

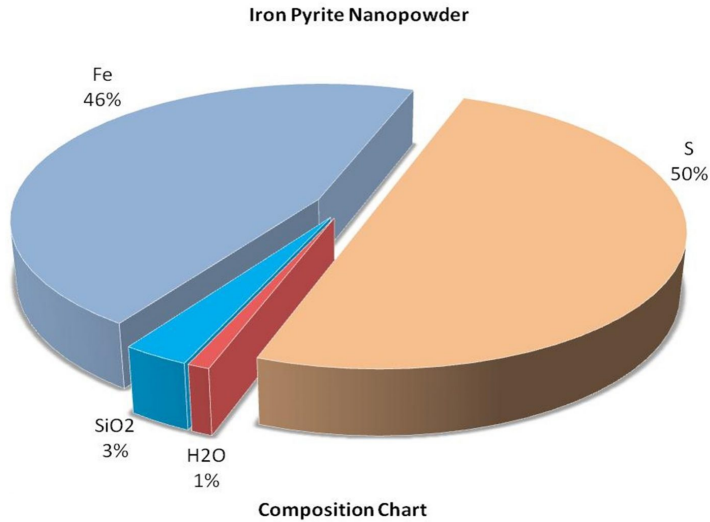
(FeS₂, Purity: 99.9%, APS: 30-45nm)

Stock No: NS6130-12-000616, CAS: 12068-85-8

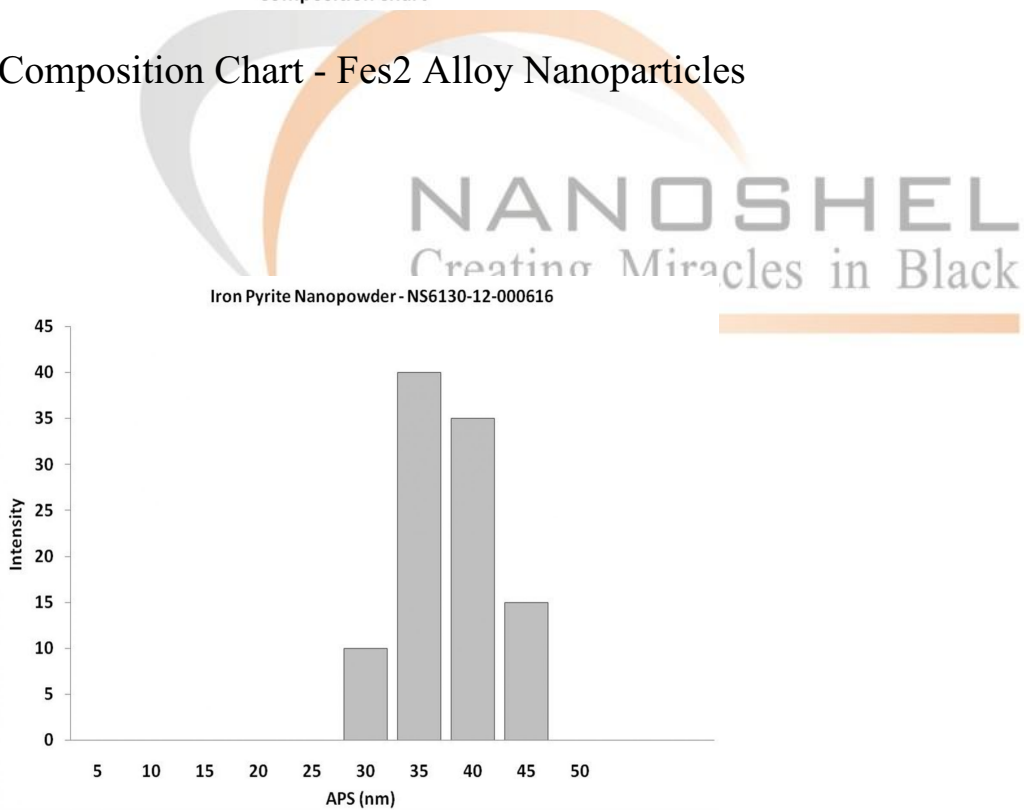
Product	:	Iron Pyrite Alloy Nanopowder
Stock No	:	NS6130-12-000616
CAS	:	12068-85-8
Purity	:	99.9%
APS	:	30-45 nm
Molecular Formula	:	FeS ₂
Molecular Weight	:	119.98 g/mol
Color	:	Dark Gray to Black
Density	:	4.7 g/cm ³ (@ 20 °C)
Composition	:	2.2- 2.5 g/cm ³
Melting Point	:	1171 °C
Solubility	:	Insoluble
Main Inspect Verifier	:	Manager QC

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

Characterization of Iron Pyrite Alloy Nanopowder



Composition Chart - FeS₂ Alloy Nanoparticles



Particles Size Analysis - Iron Pyrite Alloy Nanopowder