

Specification Sheet

Iron Sulfide Nanoparticles

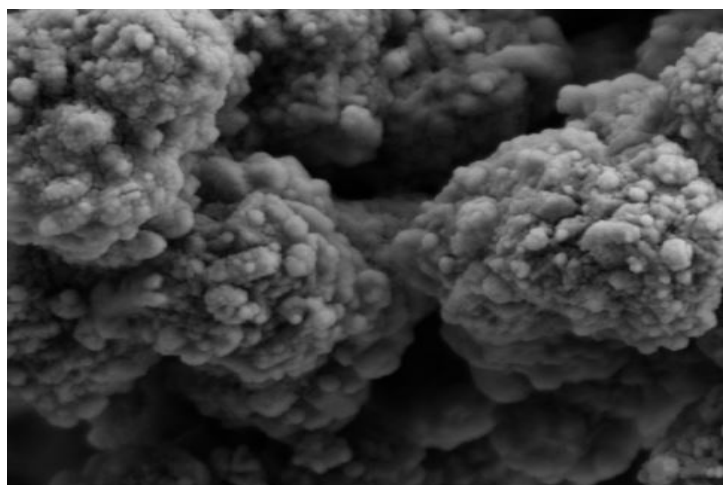
(FeS, Purity: 99.9%, APS: 30-45nm)

Stock No: NS6130-02-272, CAS: 1317-37-9

Product	:	Iron Sulfide Nanoparticles
Stock No.	:	NS6130-02-272
CAS	:	1317-37-9
APS	:	30-45nm
Purity	:	99.9 %
Molecular Formula	:	FeS
Molecular Weight	:	87.910 g/mol
Form	:	Powder
Color	:	Dark-Brown or Black
Density	:	4.84 g/cm ³
Melting Point	:	1194 °C
pH	:	3.0-5.0
Solubility	:	Reacts in acid
Main Inspect Verifier	:	Manager QC

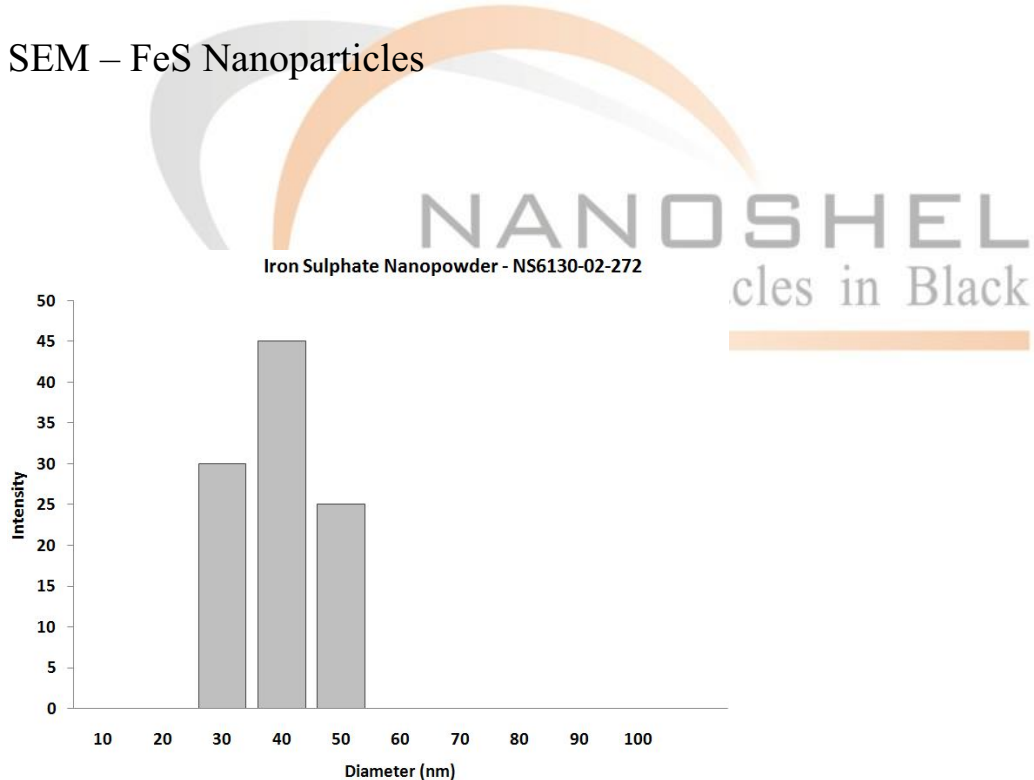
Note: Product Specification are subject to amendment and may change over time

Characterization of Iron Sulfide Nanoparticles



200 nm Mag = 50.25 K X Signal A = SE2 FeS
EHT = 4.00 kV WD = 3.8 mm

SEM – FeS Nanoparticles



Iron Sulfide Nanoparticles – Size Analysis