

Specification Sheet

Indium Arsenide Nanopowder

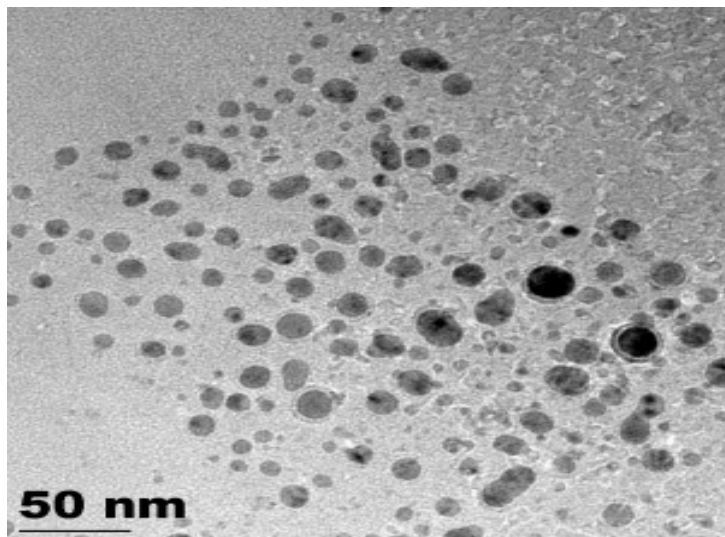
(InAs, Purity: 99.99%)

Stock No: NS6130-12-000343, CAS: 106097-59-0

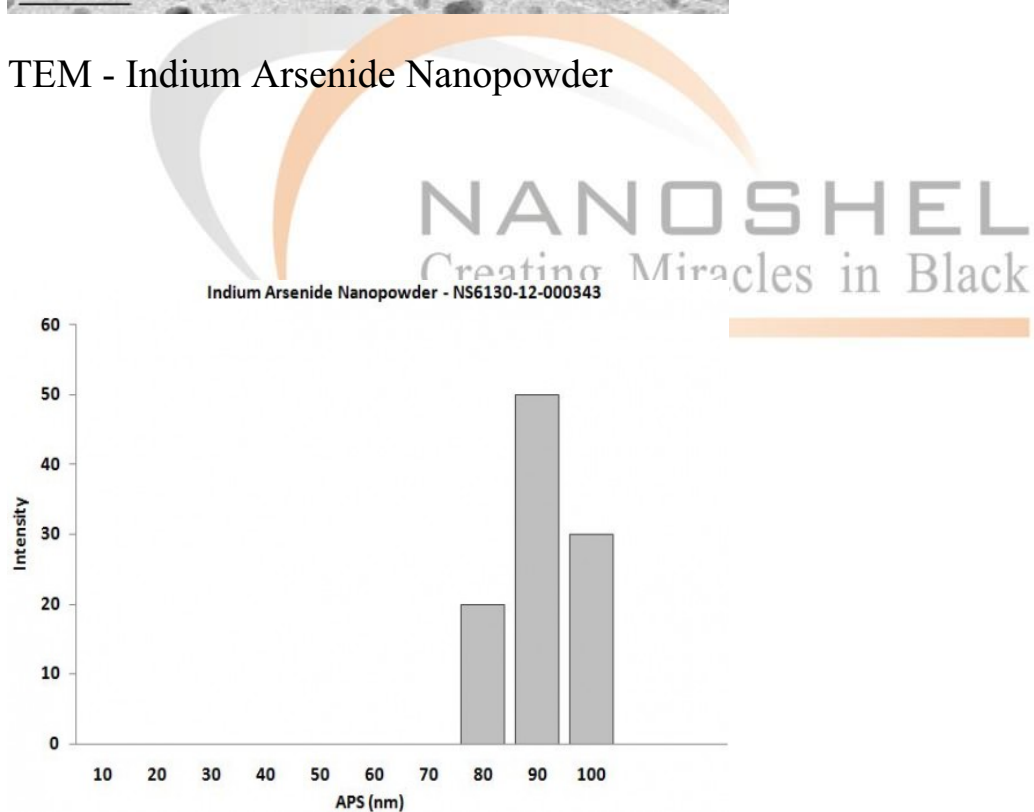
Product	:	Indium Arsenide Nanopowder
Stock No.	:	NS6130-12-000343
CAS	:	1303-11-3
Purity	:	99.99%
APS	:	80-100nm
Molecular Formula	:	InAs
Molecular Weight	:	189.740g/mol
Form	:	Powder
color	:	Gray
Density	:	5.67g/cm ³
Melting Point	:	942°C
Refractive Index	:	3.51
Dielectric Constant	:	15.15
Electron Mobility	:	40000(cm ² /(V*s))
Storage	:	Normal Room Temperature
Thermal Conductivity	:	0.27(300K (W/cm•K))
Specific Heat Capacity	:	47.8 J•mol ⁻¹ •K ⁻¹
Solubility in water	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

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

Characterization of Indium Arsenide Nanopowder



TEM - Indium Arsenide Nanopowder



Particles Size Analysis - Indium Arsenide Nanopowder