

Specification Sheet

Silver Nanowire Biosensor

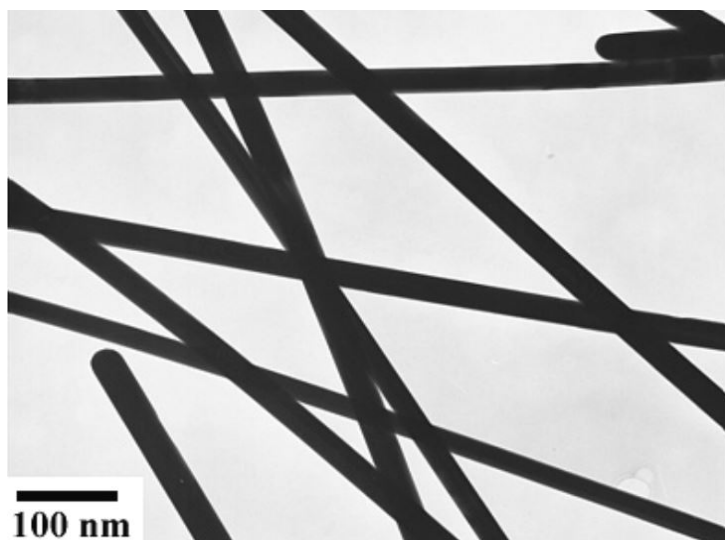
(Ag, Purity: 99.9%, APS: 60nm, Length: 30 μ m)

Stock No: NS6130-12-000308, CAS: 7440-22-4

Product	:	Silver Nanowire Biosensor
Stock No	:	NS6130-12-000308
CAS	:	7440-22-4
Purity	:	99.9%
Diameter	:	60nm
Length	:	30 μ m
Molecular Formula	:	Ag
Molecular Weight	:	107.87g/mol
Form	:	Wire
Color	:	Grey
Density	:	0.785 g/mL
Concentration	:	1 - 2Wt %
pH	:	7.9-8.1
Particle Surface	:	PVP
Coefficient of Variation	:	51%
Standard Deviation	:	10%
Thermal Expansion	:	18.9 μ m•m-1•K-1 (25 °C)
Solvet	:	Ethanol, Water, Isopropyl Alcohol
Main Inspect Verifier	:	Manager QC

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

Characterization of Silver Nanowire Biosensor



TEM - Silver Nanowire Biosensor



NANOSHEL
Creating Miracles in Black