

Biosensor  
**SILVER**  
Nanowire

**NS6130-03-000308**

Quick Facts

Product	:	Silver Nanowire
Stock No	:	NS6130-03-000308
CAS	:	7440-22-4
Purity	:	99.9%
Form	:	Liquid (suspension)

**Technical** Specification

Diameter	Length
60nm	30µm

Nanotechnology is a promising technology for sensor applications in various ways. Silver nanowires (AgNWs) based enzyme electrodes for highly sensitive electrochemical glucose biosensing. The sensor needs to have characteristics of high selectivity, and stability with practical significance. Various types of sensors can be produced including biosensors. These biosensors are based on enzyme, tissue, immuno-sensors, DNA, thermal, piezoelectric, and radiofrequency for various applications such as health care industries, food and drink industries, environment protection, and genome analysis. Ag nanowires in metal-enhanced fluorescence-based applications of biosensing on planar surfaces and cellular imaging.

