Nickel Nanowires are included in DropSens NanoMaterials range and are produced via the electrochemical deposition on an alumina template. After dissolving the alumina, purified metal NanoWires are obtained.

The manufacturing process allows customising the dimensions of these NanoWires. Our standard process produces magnetic Nickel Nanowires with an average diameter of 150-250 nm and an average length varying from 6-8 µm. Other lengths are also available upon request.

Nanowires are commercialised in ethanol solution with a concentration of 8.9·10^8 NW/mL.

Nanowires in other metallic materials such as Gold, Platinum and Palladium are also available upon request.

This product is available in 1.5 or 4.5 mL order quantities.