Graphene solution is included in the DropSens carbon nanomaterials range.

Graphene is a two dimensional sheet of sp²-bonded carbon atoms tightly packed into a hexagonal configuration. Graphene possesses exceptional properties, such as large surface area and high electrical and thermal conductivity, which made it of significant interest in Electrochemistry.

DropSens graphene solution is an aqueous, homogeneous, black liquid with a graphene concentration of 1 mg/mL. The graphene has a surface area of 650 - 750 m²/g and an average particle diameter less than 2 microns. The material is composed of aggregates of sub-micron sized particles so the platelet shape is not dominant.

The product is available in 1.0 or 5.0 mL order quantities and it has been specially designed for electrodes modification.