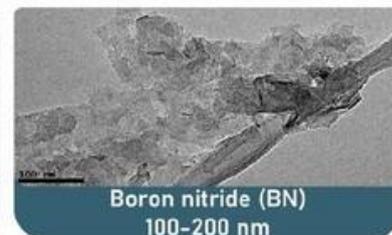
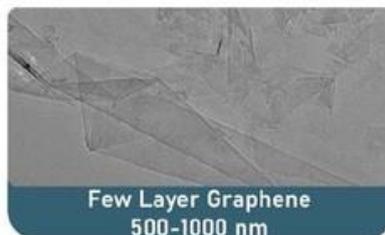




support@biographsolutions.com

www.biographsolutions.com



Biograph solutions offers high quality 2D nanomaterials:

2D material	Description *	Price
graphene	less than 5 layers, sheet sizes 500-1000 nm	195€ / 20 mg
boron nitride	sheet sizes 100 - 200 nm	120€ / 20 mg
Transition Metal Dichalcogenides (WS <sub>2</sub> and MoS <sub>2</sub> )	sheet sizes 300 - 400 nm	125€ / 20 mg
metallic nanoparticles on graphene, for catalytic use	Fe	28€ / gr
	Ru	120€ / gr
	Pt	440€ / gr
	up to 40% metal content	
* Other hybrid materials can also be prepared on demand		

### Quality standards

All our products are supplied in powder form, stable at room temperature and can be easily dispersed in water and other media. Prior to shipment, our nanomaterials fully characterized for optimum quality standards by:

Raman spectroscopy / HRTEM (High Resolution Transmission Electron Microscopy) / TGA (Thermogravimetric Analysis) / TXRF (Total X-ray fluorescence) / XPS (X-ray photoelectron spectroscopy) / Elemental Analysis, and Sheet Resistance. Each sample supplied will be accompanied by the characterization data and quality spectra.

### Methods

- Our synthesis methods are proprietary and based on the principles of sustainable chemistry. Workup procedure guarantees the removal of any remaining exfoliating agent.
- All our 2D nanomaterials are prepared by exfoliation of its original bulk material in a planetary mill using biocompatible exfoliating agents, in the absence of solvents and mineral acids.