

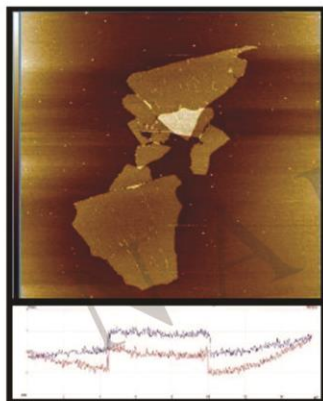
Elemental Analysis Graphene Oxide Datasheet

Element	Atomic concentration (At%)
carbon	58-63
Nitrogen	0-2
Sulfur	1-2
oxygen	33-38

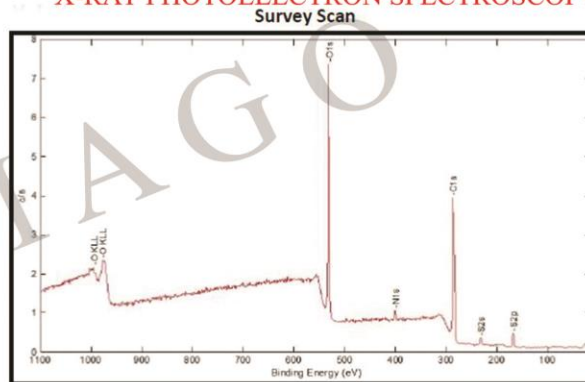
Fundamental Analysis

Form	Dispersion of graphene oxide sheets
Particle size	2.7 -- 6.8 μm
Color	Yellow--brown
Odor	Odorless
Dispersibility	Polar solvents
Solvents	Water
pH of dispersion	3---4.5
Monolayer content (measured in 0.5mg/mL)	>95%

ATOMIC-FORCE MICROSCOPY

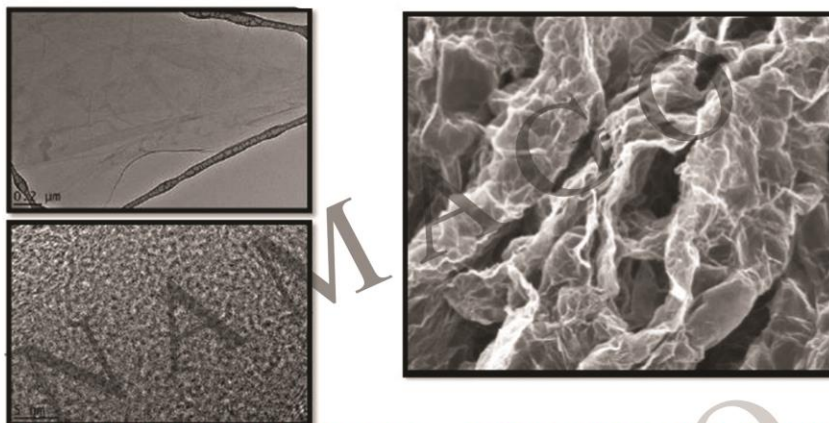


X-RAY PHOTOELECTRON SPECTROSCOPY

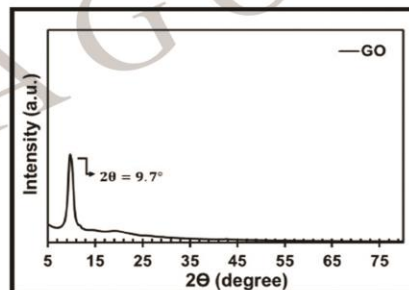
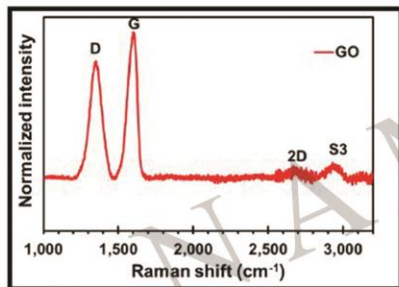


(1)

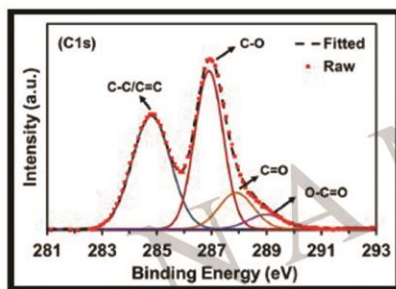
HR-TEM & FESEM



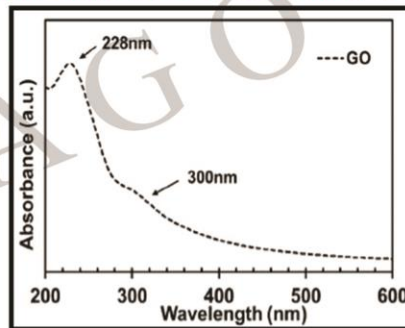
MICRO RAMAN SPECTROSCOPY X-RAY POWDER DIFFRACTION



X-RAY
Chemical States- C1s



UV-VIS SPECTROSCOPY



(2)