

PRODUCT NAME GO-V50
DESCRIPTION Chemically Synthesized Graphene Oxide

ITEMS

PROPERTIES

Appearance

Brown or Dark Brown Fluffy Light Powder

Elemental Analysis Data

Carbon Content	40 - 50 %
Oxygen Content	40 - 50 %
Hydrogen Content	≤ 3 %
Sulfur Content	≤ 3 %
Nitrogen Content	≤ 1 %

Particle Size Analysis

Range : 20 – 167 μm

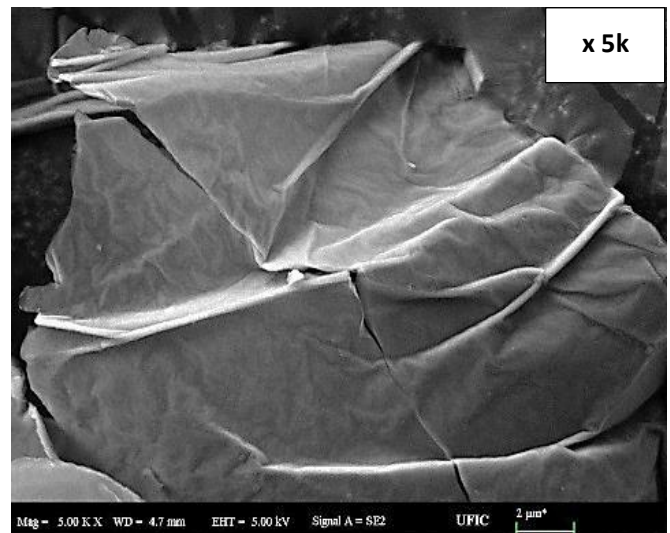
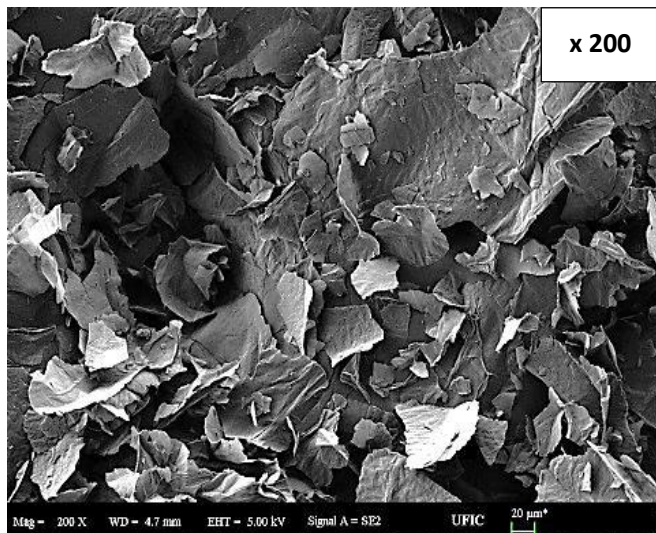
(by Laser Diffraction)

D₅₀ : 65 μm

Thickness *(by Atomic Force Microscopy)*

1.1 – 1.3 nm

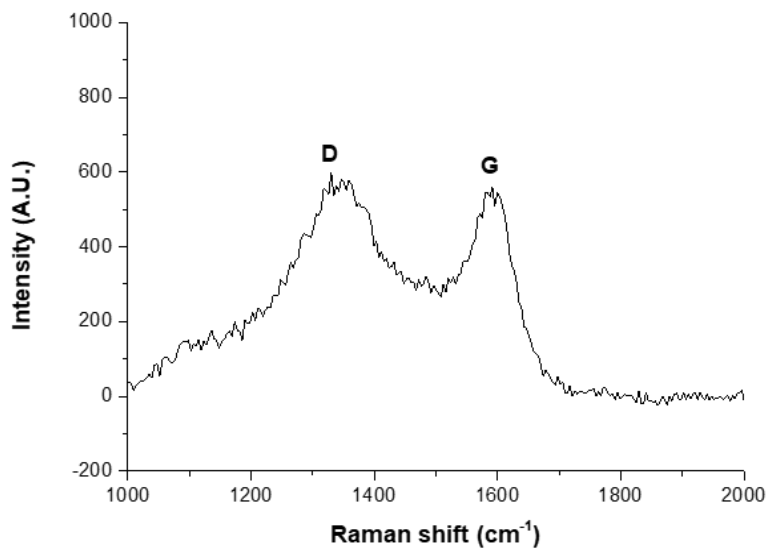
Particle Image *(by Scanning Electron Microscopy)*



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D/G Ratio (by Raman Spectroscopy)	1.08
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Functional Group Scanning (by X-ray Photoelectron Spectroscopy)

