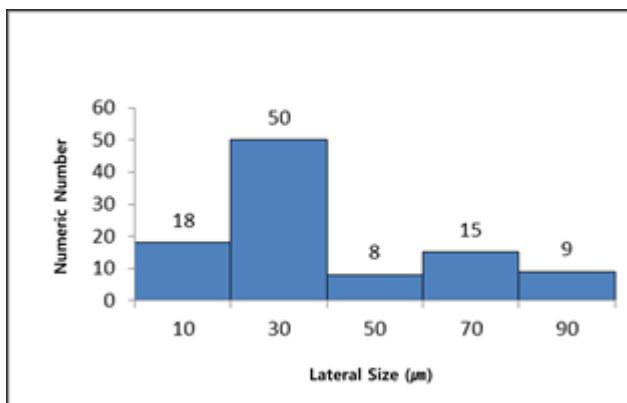
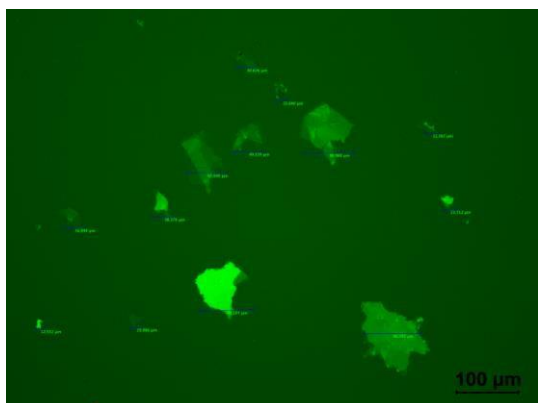


PRODUCT : GO-V50 (Solution)

General Characteristics : Chemically Synthesized Graphene Oxide

PARAMETER	SPECIFICATIONS
VISUAL:	Solution (In Water)
COLOR:	Dark Brown
Graphene Oxide / Concentration:	About 1.0wt%
CARBON BY WT%:	45.0% – 50.0% (Water exclusion)
OXYGEN BY WT%:	45.0% – 50.0% (Water exclusion)
SULFUR BY WT%:	< 0.5% (Water exclusion)
ASH BY WT%:	≤ 1.0% (Water exclusion)
PHYSICAL SIZES:	
AVERAGE LATERAL DIMENSION (x & y)	~ 30 um
AVERAGE THROUGH-PLANE DIMENSION (z)	~ 1.0 – 1.2 nm (as analyzed by AFM)

Optical Images to analysis lateral size



Performed by an accredited Outside Test Facility