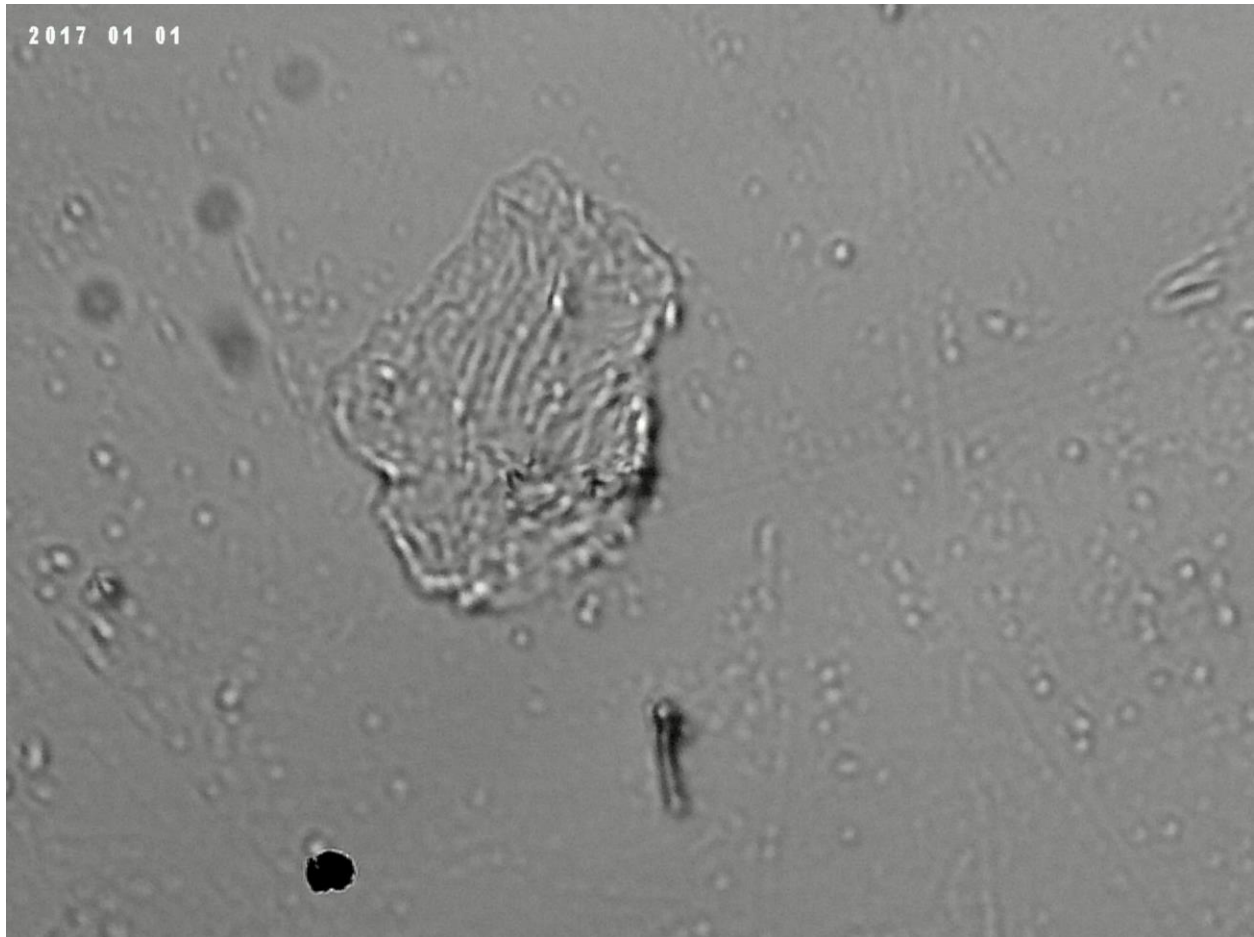




Green Graphene LLC

GRAPHENE OXIDE TECHNICAL DATA SHEET DESCRIPTION Graphene oxide sheets of variable dimensions in different polar solvents such as water, tetrahydrofuran, methanol

Optical microscopy



• Colour: yellow-brown. • Odor: odorless. • Solubility: polar solvents. • pH: 1-5 (depending on the concentration)

Elemental Analysis				
46.4%	2.6%	0.1%	1.9%	49.0%
C	H	N	S	O

PARAMETERS	APPROXIMATE VALUES
Thickness	0.8~2 nm
Purity	~98%
Number of Layers Average number of layers	1-2
Surface Area (BET)	350 m <sup>2</sup> /g
Bulk Density	0.121g/cc
Electrical Conductivity	Insulator but Tunable to conductor
Length	10-20 $\mu$ m
Lateral dimension	~10 $\mu$ m

**UV-vis spectroscopy**

