

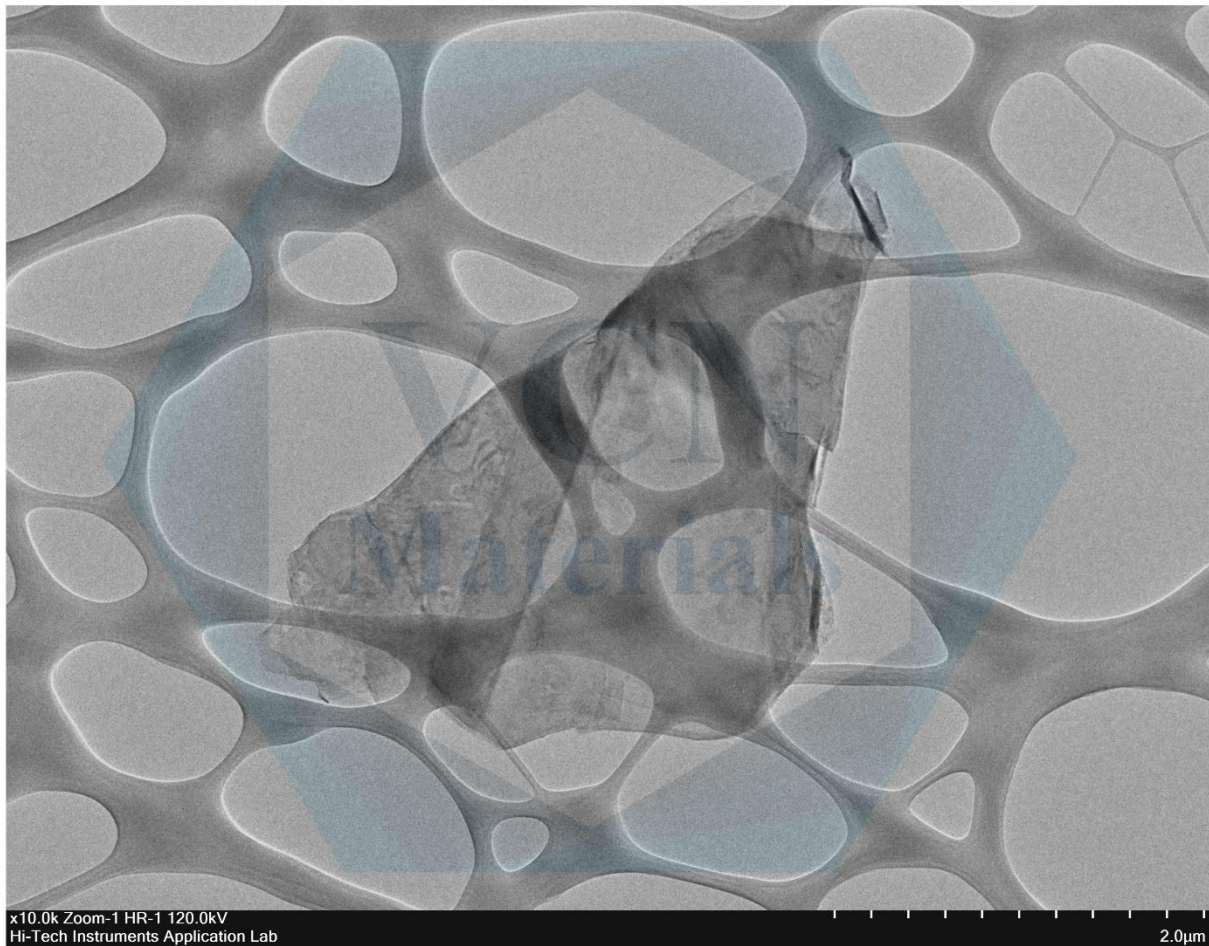


Certificate of Analysis

Graphene Nanoplatelets (GNP)

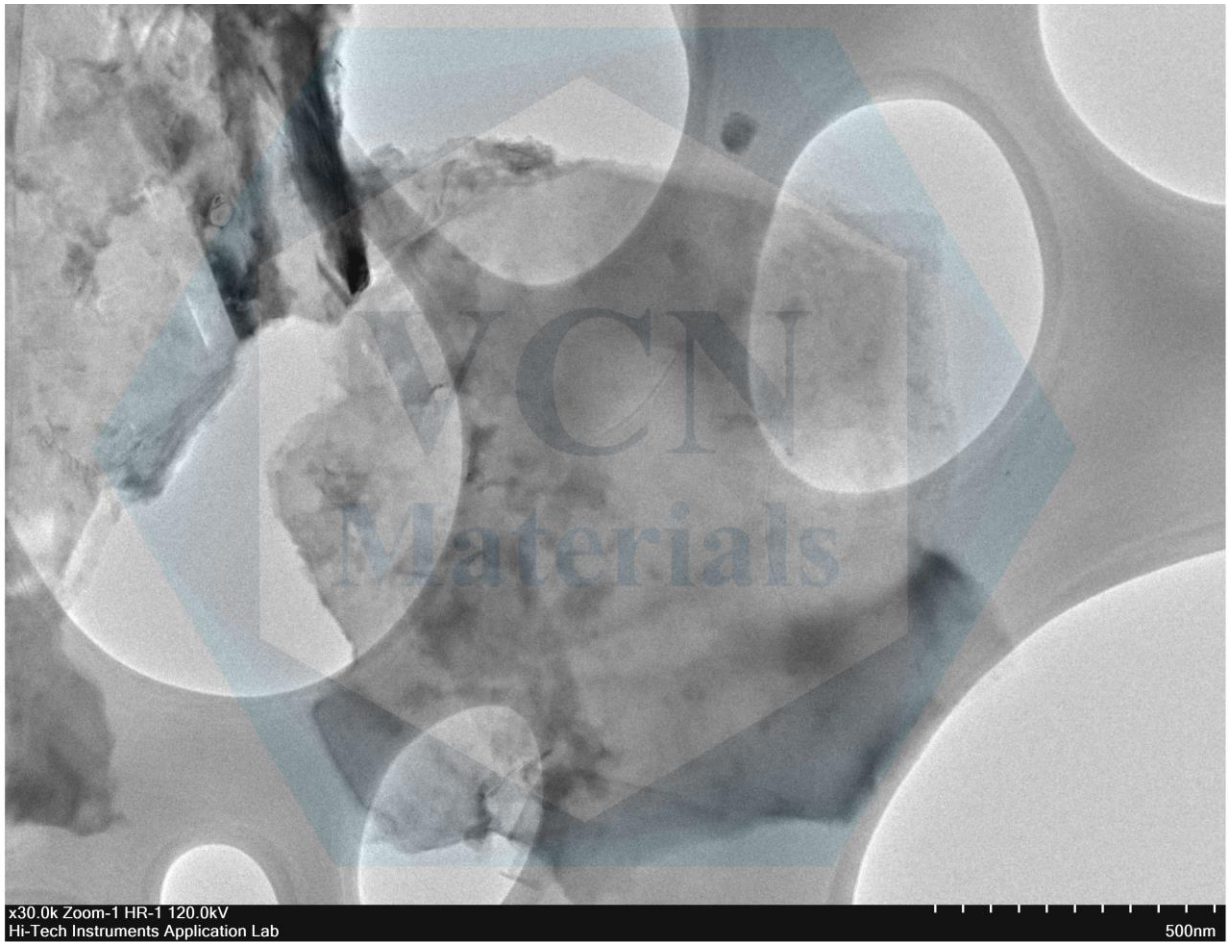
i. Morphological analysis

Purity: 99.5%
Diameter: 1-20 μm
Thickness: <40 nm
SSA: 120-150 m^2/g
Density: 1.9-2.2 g/cm^3





Certificate of Analysis

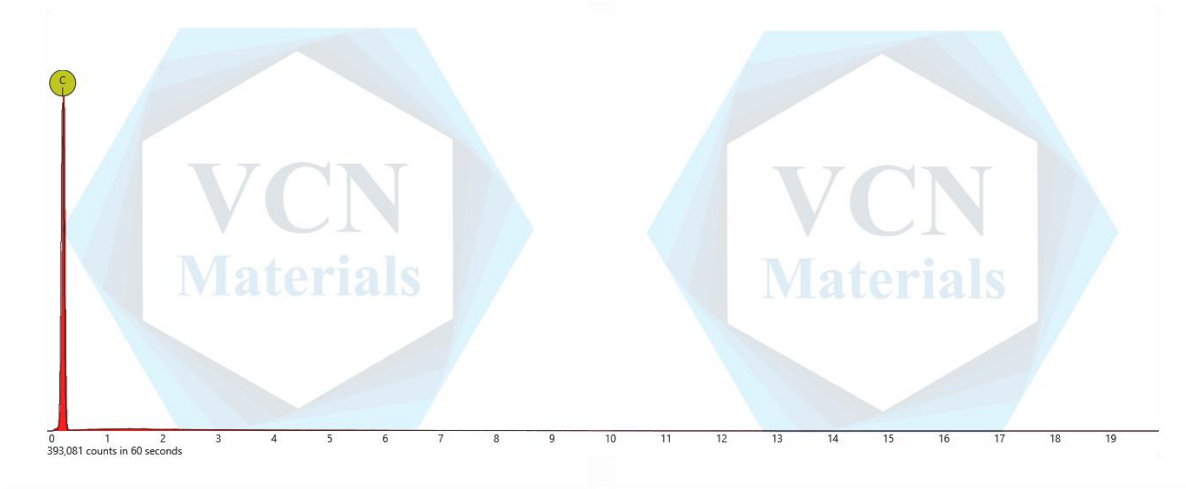


High resolution transmission electron microscopy image of Graphene Nanoplatelets (GNP)



Certificate of Analysis

ii. Elemental Analysis



EDX image of Graphene Nanoplatelets (GNP)

Element Number	Element Symbol	Element Name	Atomic Conc.	Weight Conc.
6	C	Carbon	100.00	100.00

Weight percentage

C 100.00 %

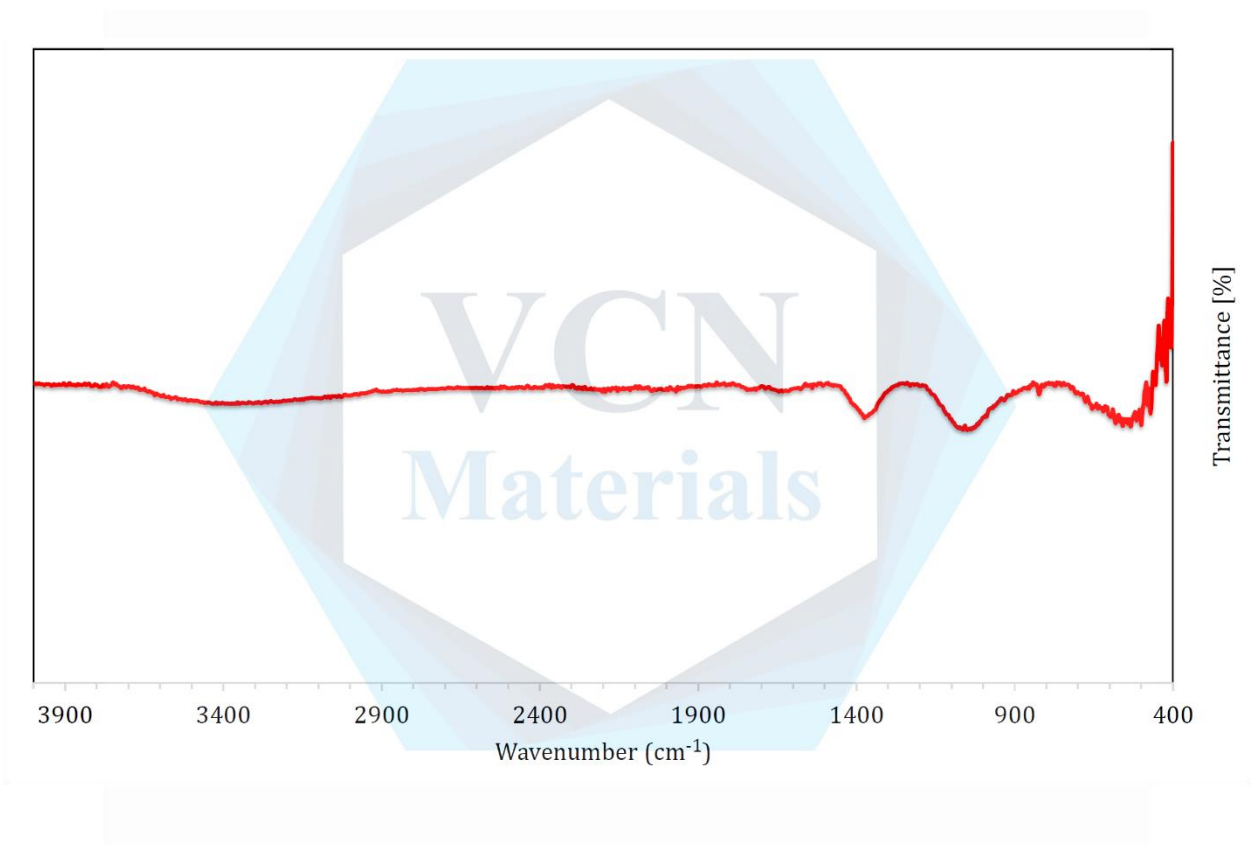
Atomic percentage

C 100.00 %



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iii. Functional Analysis

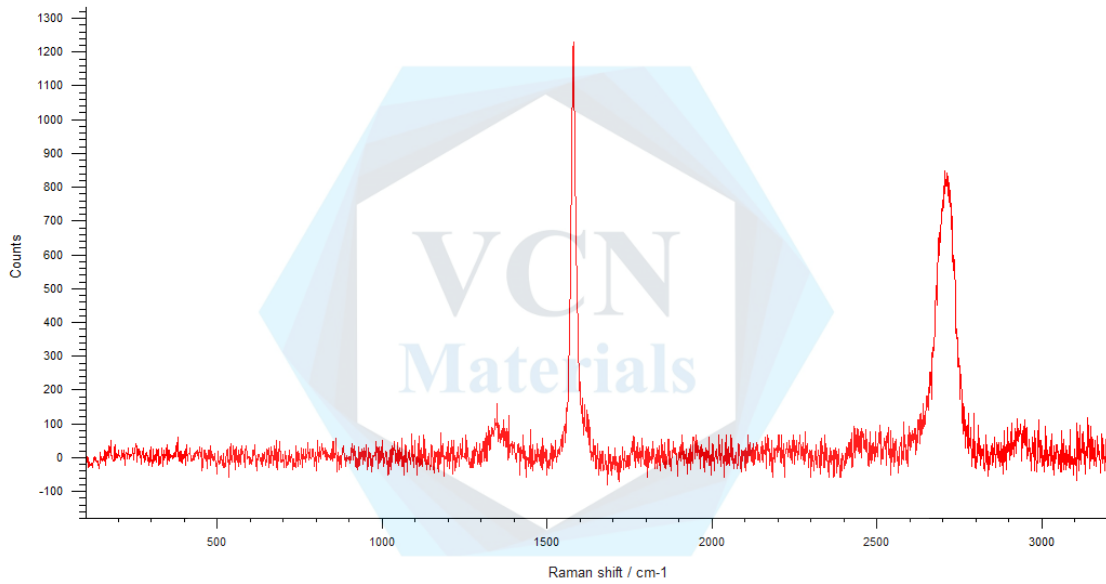


FTIR spectra of Graphene Nanoplatelets (GNP)



Certificate of Analysis

iv. Structural Analysis



Raman spectra of Graphene Nanoplatelets (GNP)