



Certificate of Analysis

Multi-Walled Carbon Nanotubes-Hydroxyl (MWNTs-OH)

Purity of CNTs: +95%

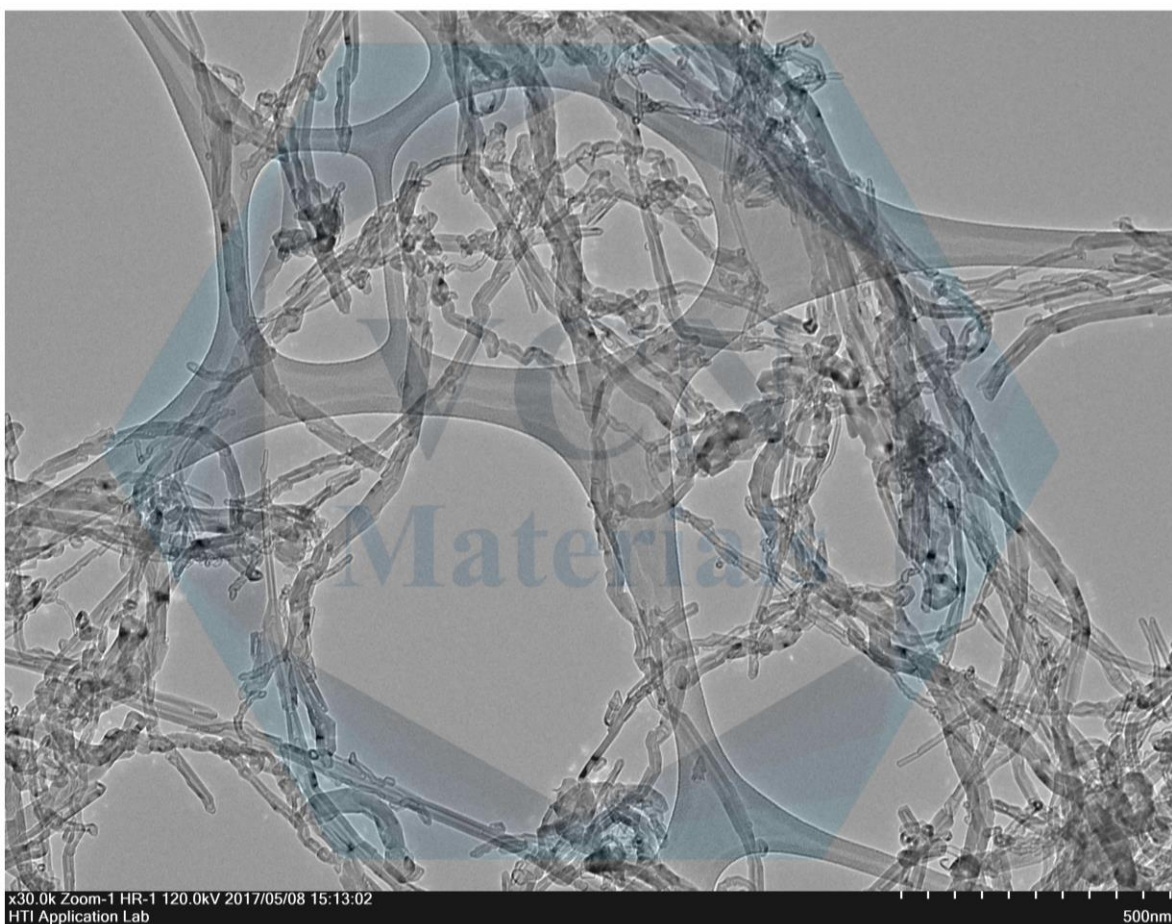
Diameter: 20-30nm

Regular Length: 5-10 μm

SSA: more than 200 m^2/g

Density: 2.1 g/cm^3

i. Morphological analysis

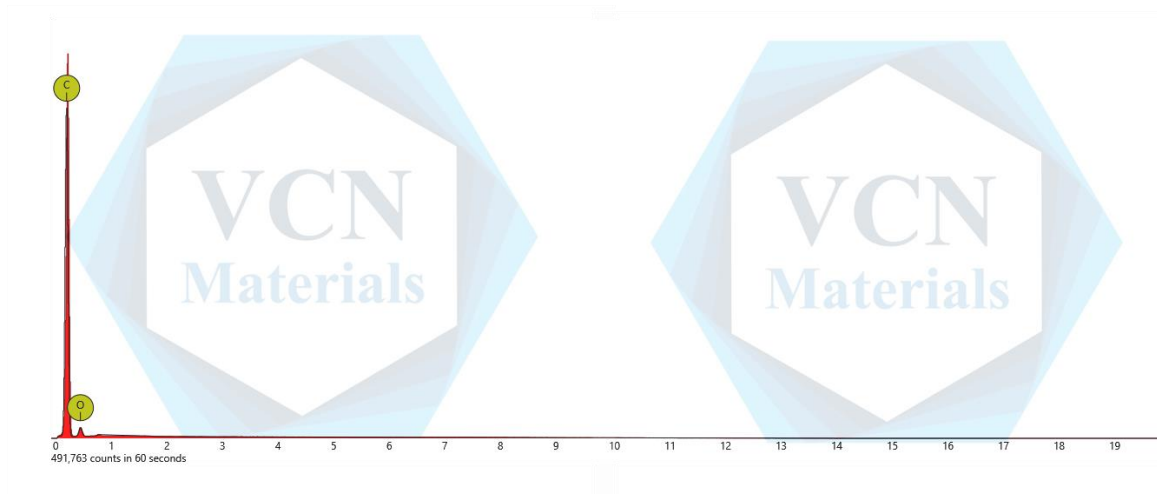


High resolution transmission electron microscopy image of Multi-Walled Carbon Nanotubes-Hydroxyl



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ii. Elemental Analysis



EDX image of Multi-Walled Carbon Nanotubes-Hydroxyl

Element Number	Element Symbol	Element Name	Atomic Conc.	Weight Conc.
6	C	Carbon	91.55	89.05
8	O	Oxygen	8.45	10.95

Weight percentage



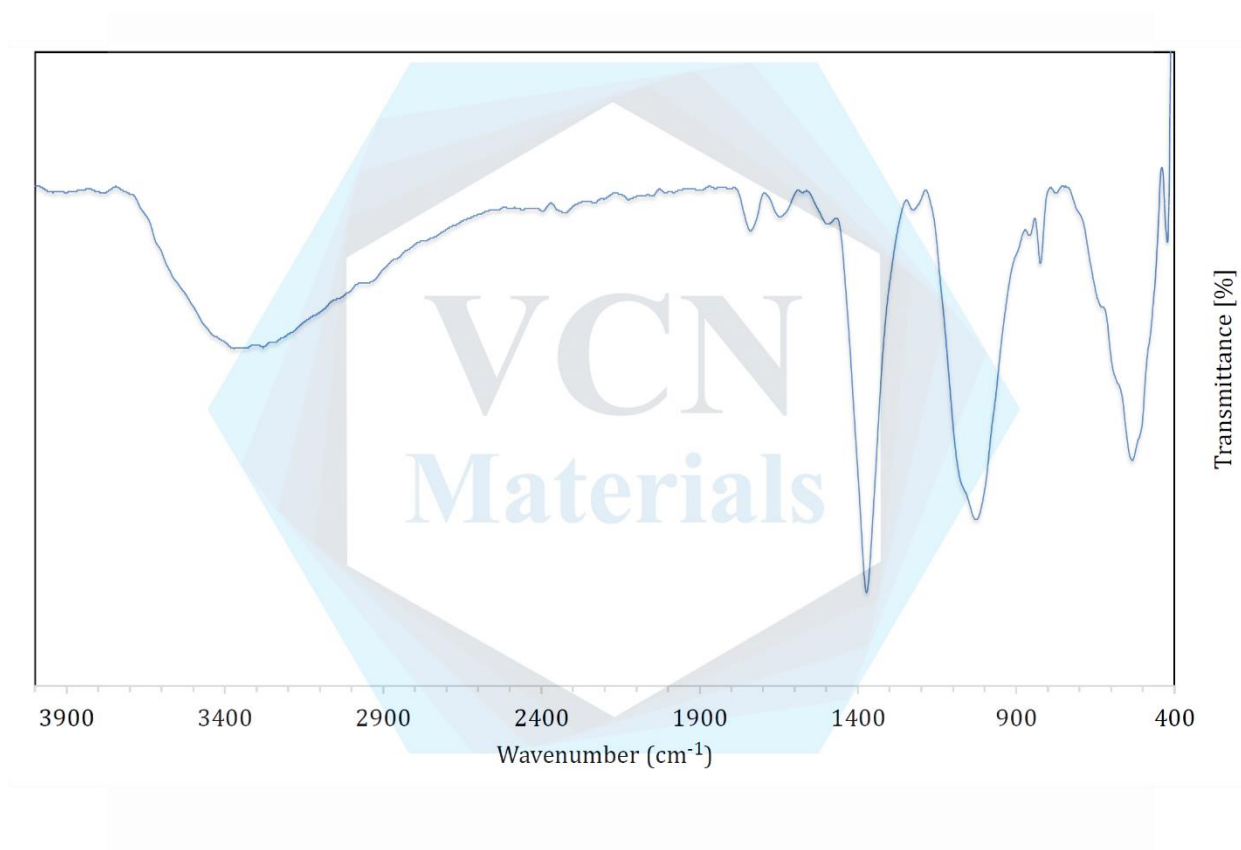
Atomic percentage





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iii. Functional Analysis

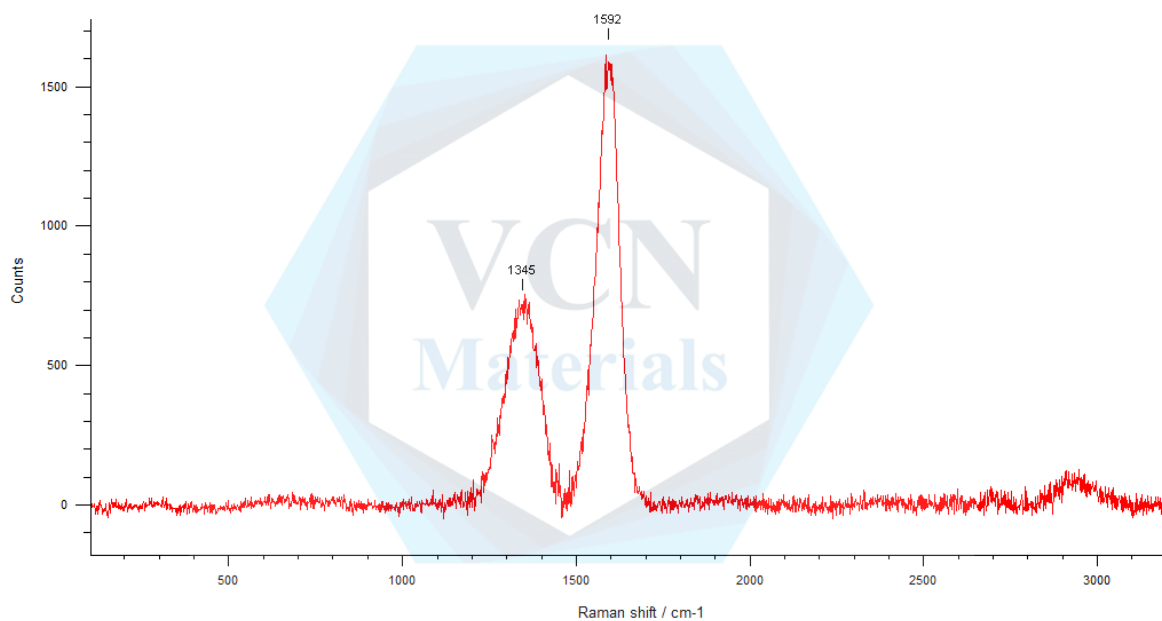


FTIR spectra of Multi-Walled Carbon Nanotubes-Hydroxyl



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iv. Structural Analysis



Raman spectra of Multi-Walled Carbon Nanotubes-Hydroxyl