

#### Multi-Walled Carbon Nanotubes-Amine (MWNTs-NH2)

Purity of CNTs: +95%

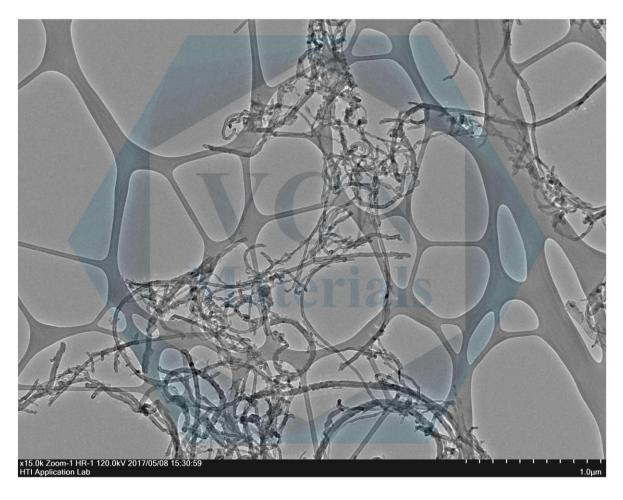
Diameter: 20-30nm

Regular Length: 5-10 μm

SSA: more than 200 m²/g

Density: 2.1 g/cm³

#### i. Morphological analysis

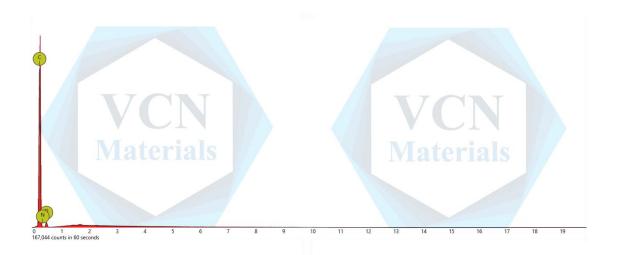


High resolution transmission electron microscopy image of Multi-Walled Carbon Nanotubes-Amine



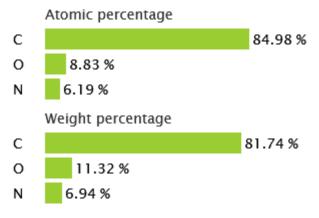
# **Certificate of Analysis**

### ii. Elemental Analysis



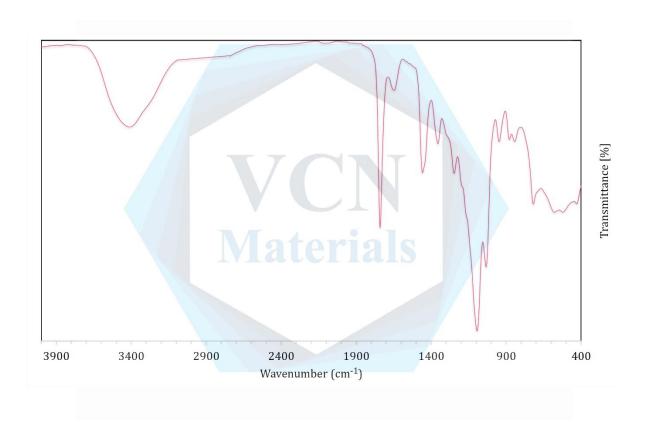
**EDX image of Multi-Walled Carbon Nanotubes-Amine** 

Element	Element	Element	Atomic	Weight
Number	Symbol	Name	Conc.	Conc.
6	С	Carbon	84.98	81.74
8	0	Oxygen	8.83	11.32
7	N	Nitrogen	6.19	6.94





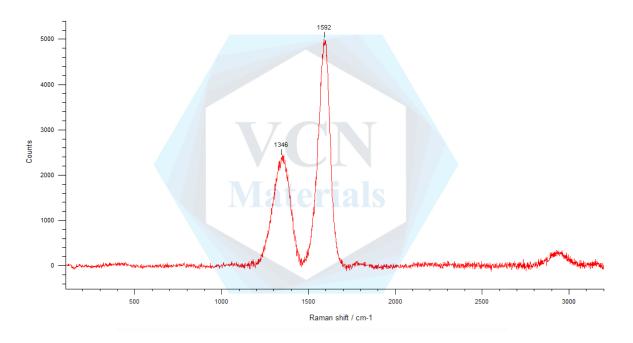
### iii. Functional Analysis



FTIR spectra of Multi-Walled Carbon Nanotubes-Amine



## iv. Structural Analysis



Raman spectra of Multi-Walled Carbon Nanotubes-Amine