

Technical data

Categories No: TNSRH

Name: High Purified -OH Functionalized Single-walled Carbon

Nanotubes (floating catalyst) (SWCNTs-OH)

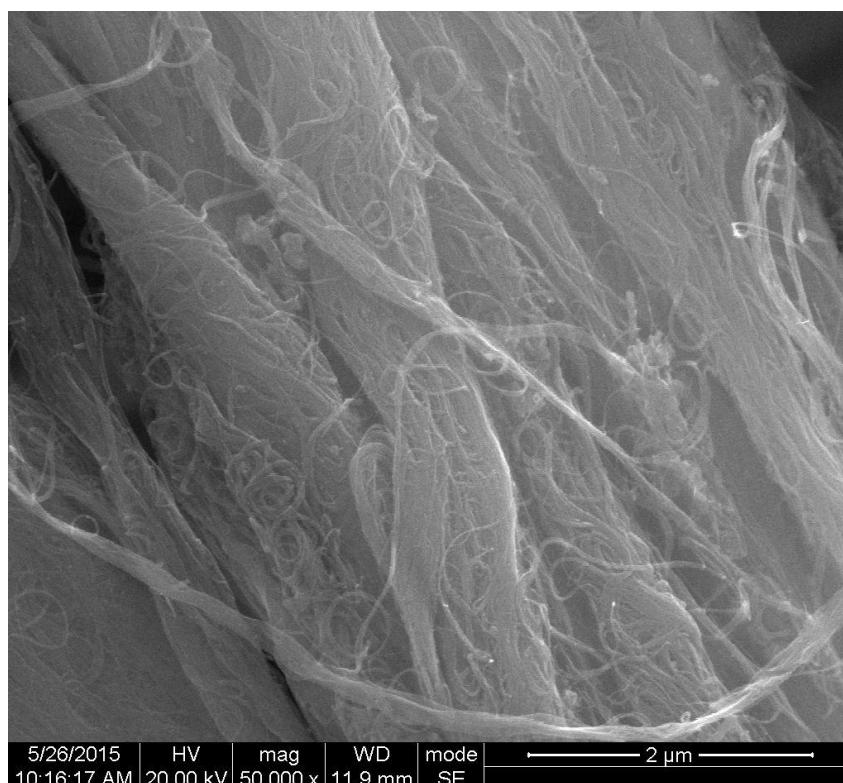
Purity: >95%

Diameter: 1-2nm

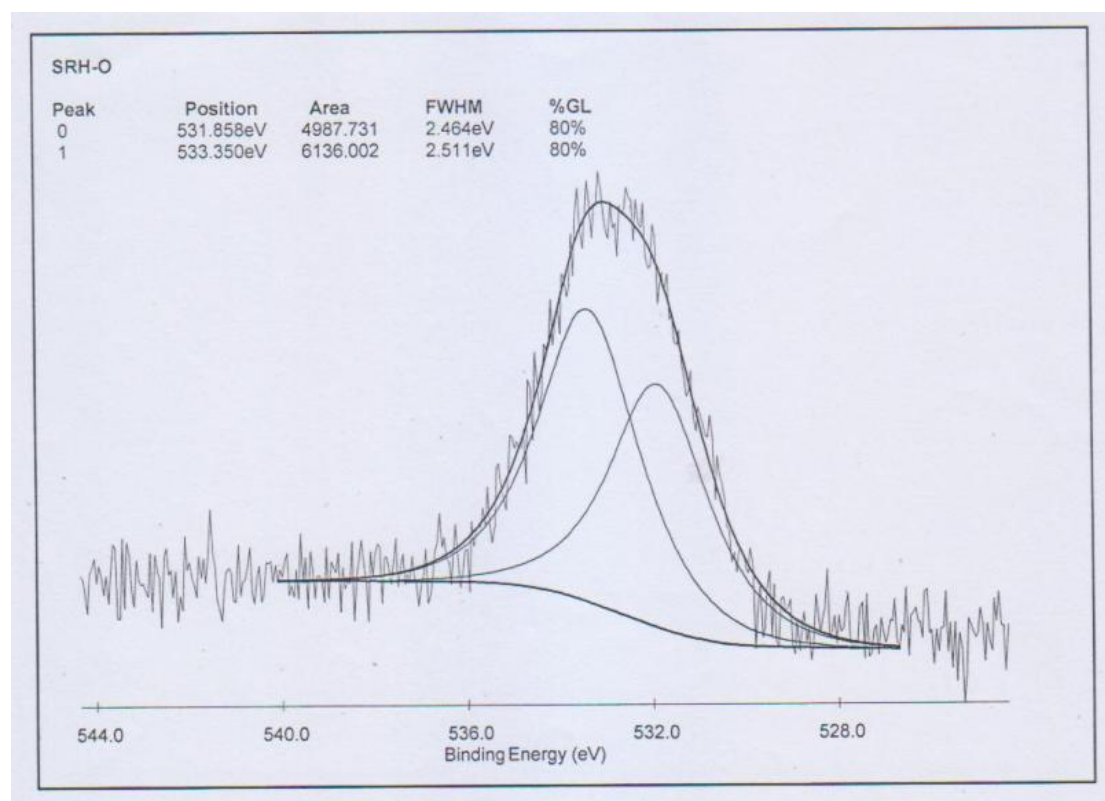
Length: 5-30um

Color: Black

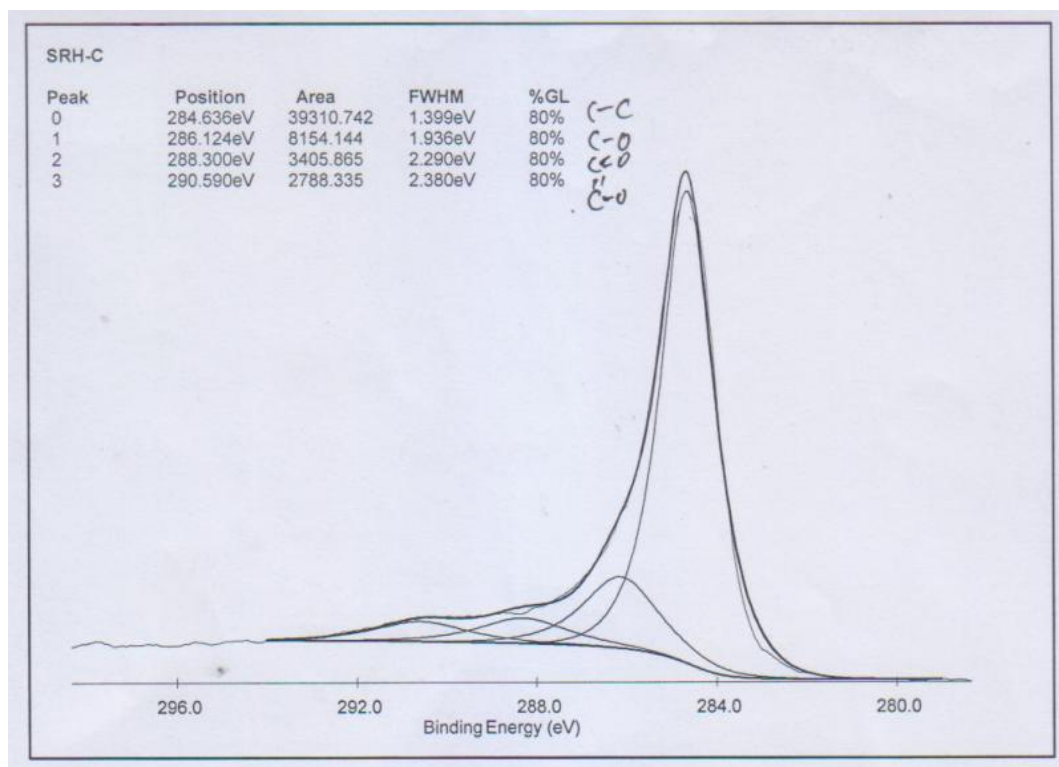
Testing pictures



Scanning Electron Microscopy (SEM)



XPS of TNSRH



XPS of TNSRH

Components	Area(CPS)	Sensitivity Factor	Components
C	53659	0.25	92.72%
O	11123.7	0.66	7.28%

Application instruction

Potential Applications of Carbon Nanotubes

Additives in polymers

Catalysts

Electron field emitters for cathode ray lighting elements

flat panel display

gas-discharge tubes in telecom networks

Electromagnetic-wave absorption and shielding

Energy conversion

Lithium-battery anodes

Hydrogen storage

Nanotube composites (by filling or coating);

Nanoprobes for STM, AFM, and EFM tips

nanolithography

nanoelectrodes

drug delivery

sensors

Reinforcements in composites

Supercapacitor