

Technical data

Categories No: TNSSRH

Name: Short High Purified –OH Functionalized Single-walled Carbon

Nanotubes (floating catalyst) (SWCNTs-OH)

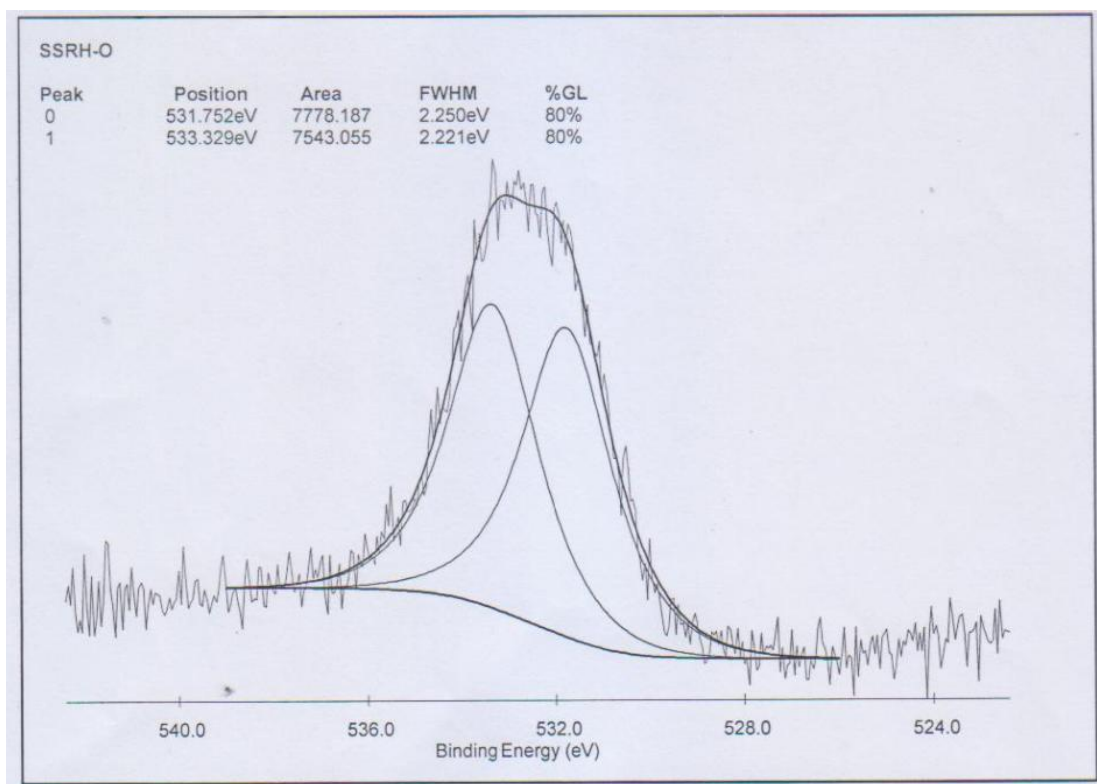
Purity: >95%

Diameter: 1-2nm

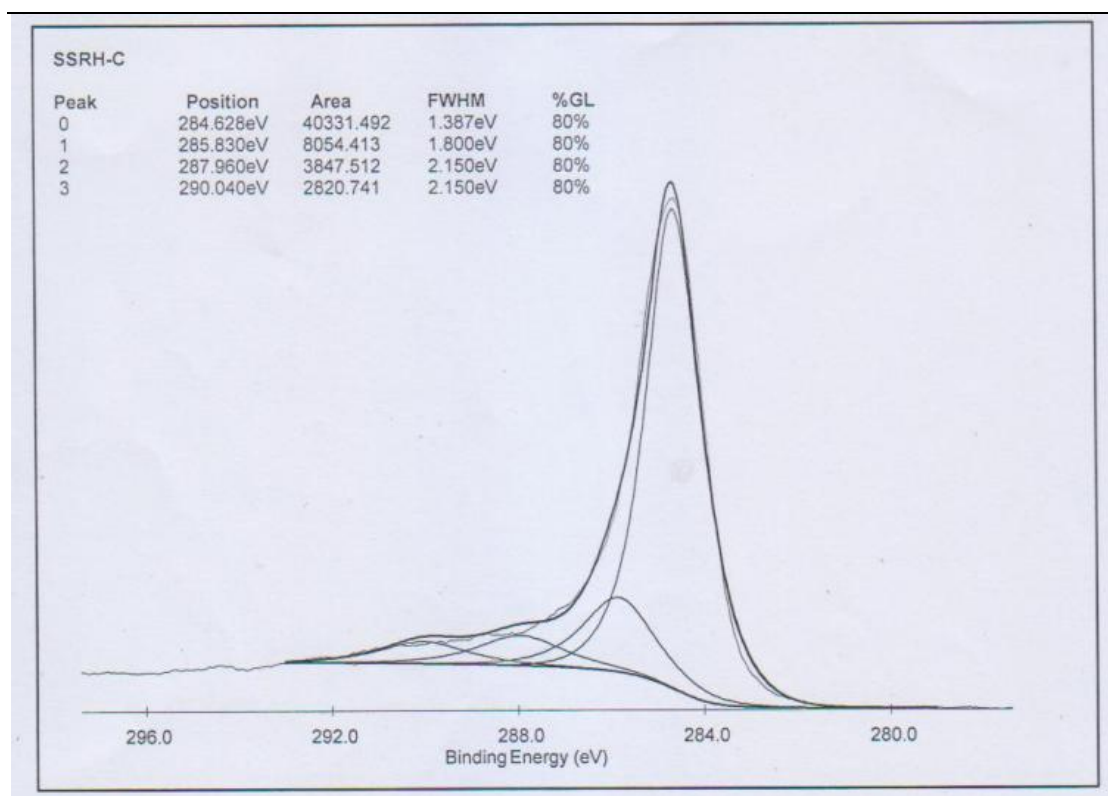
Length: 1-3um

Color: Black

Testing pictures



XPS of TNSSRH



XPS of TNSSRH

Components	Area(CPS)	Sensitivity Factor	Components
C	55054.1	0.25	90.46%
O	15321.3	0.66	9.54%

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