

Technical data

Categories No: TNSSRC

Name: Short High Purified –COOH Functionalized Single-walled Carbon Nanotubes (floating catalyst) (SWCNTs-COOH)

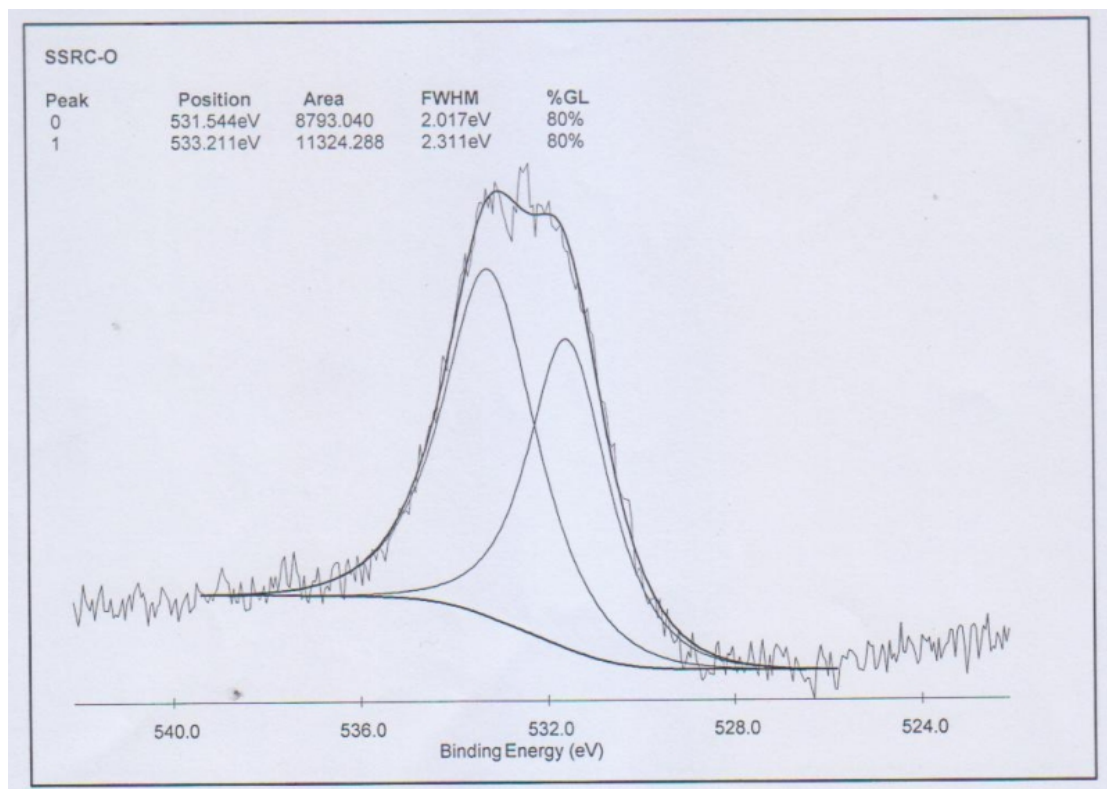
Purity: >95%

Diameter: 1-2nm

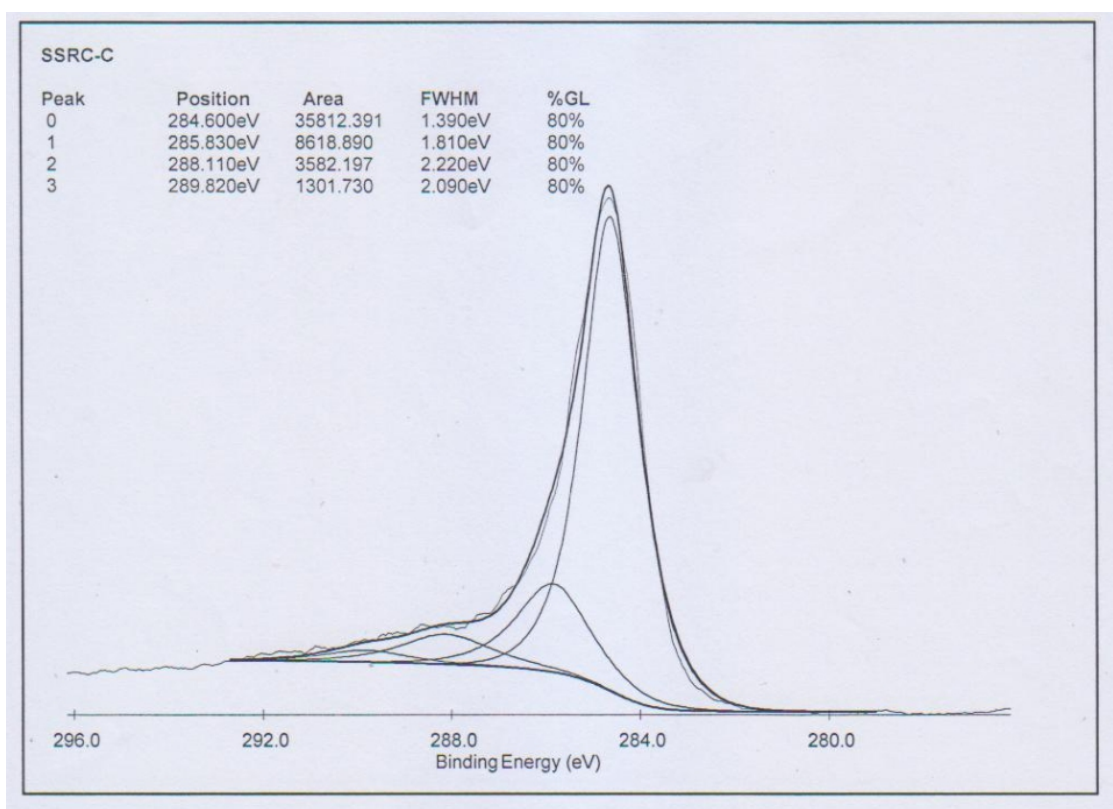
Length: 1-3um

Color: Black

Testing pictures



XPS of TNSSRC



XPS of TNSSRC

Components	Area(CPS)	Sensitivity Factor	Components
C	49315.2	0.25	86.62%
O	20117.3	0.66	13.38%

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