

## Technical data

Categories No: TNSSRC

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

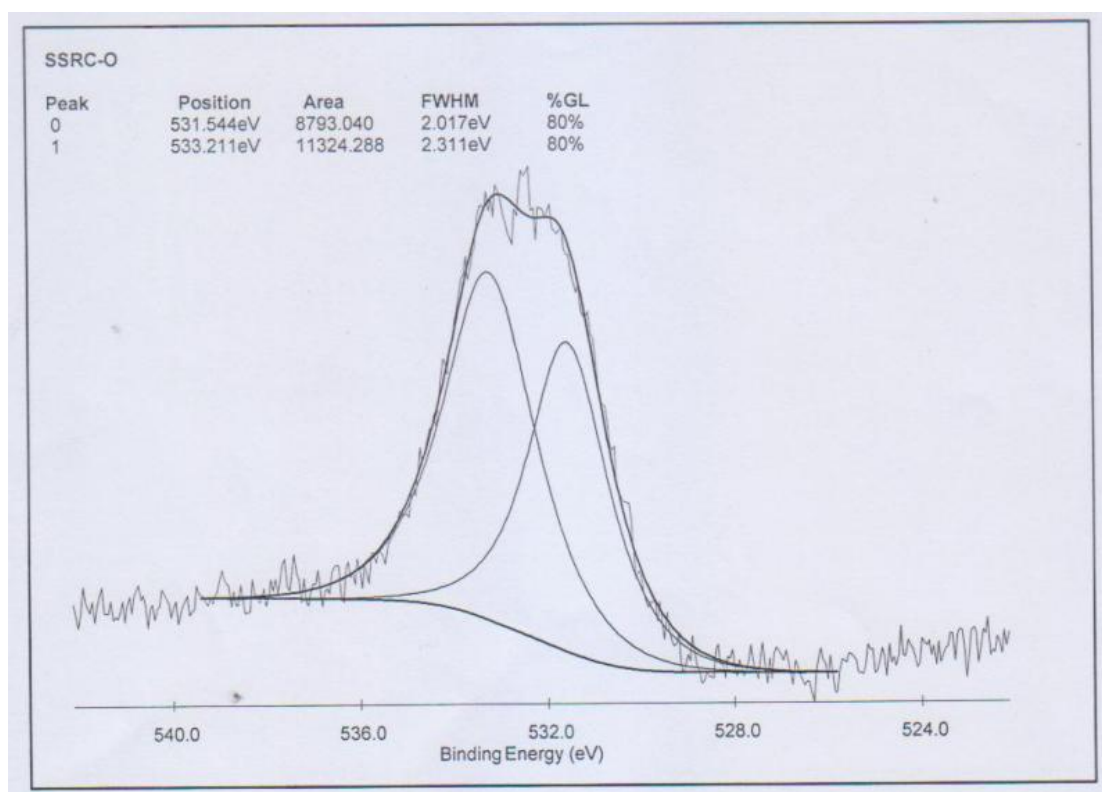
Purity: >95%

Diameter: 1-2nm

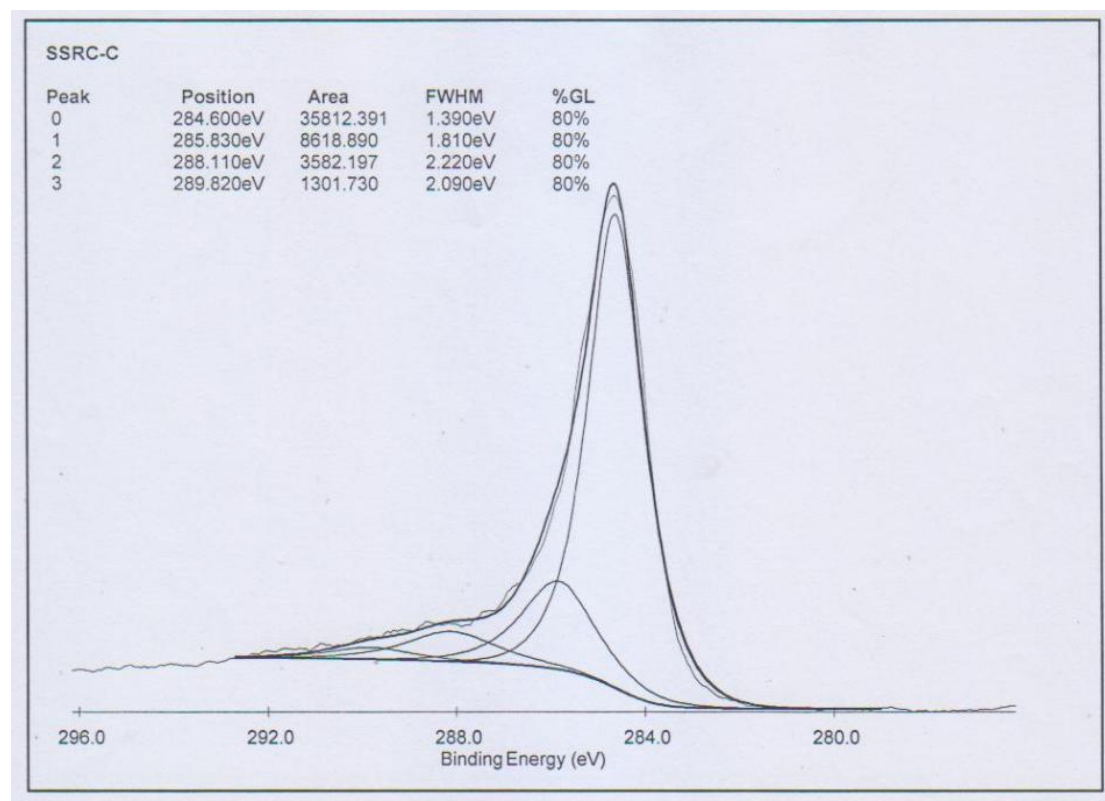
Length: 1-3um

Color: Black

## Testing pictures



XPS of TNSSRC



XPS of TNSSRC

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

### 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