

Specification Sheet

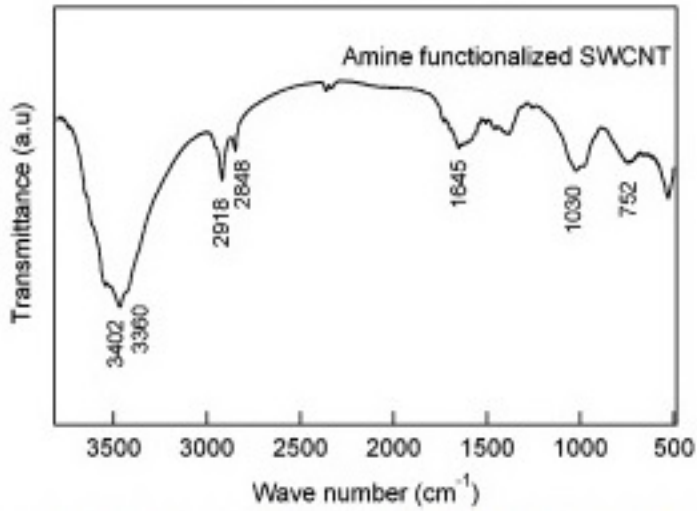
Ultrapure SWCNT

Stock No: NS6130-06-697, CAS: 308068-56-6

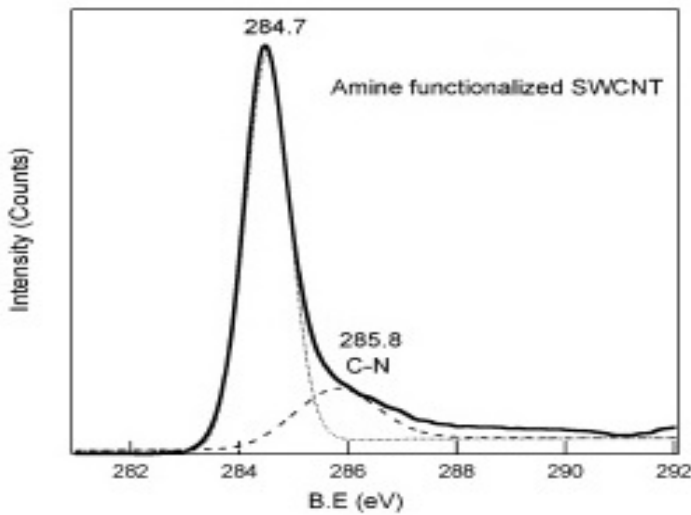
Product	:	Ultrapure SWCNT
Stock No	:	NS6130-06-697
CAS	:	308068-56-6
Diameter	:	< 5nm
Length	:	20-30 μ m
Purity	:	>99.99% (SWCNT)
Amorphous carbon	:	1%
Amine (NH ₂) Surface Modified	:	< 1%
SSA	:	350-450* m ² /g
Bulk Density	:	0.05-0.17 g/cm ³
Real Density	:	2-3 g/cm ³
Charging *	:	2180 (Capacity: mA h/g)
Discharging*	:	534 (Capacity: mA h/g)
Volume Resistivity	:	0.1-0.15 ohm.cm (measured at pressure in powder)
Available Quantities	:	2Gms, 5Gms, 10Gms, 25Gms and larger quantites
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of Ultrapure SWCNT



FTIR Spectra of Amine SWCNT



XPS Spectra of Amine SWCNT