

Product name	SWCNT-NG1-6	Production date		2025/01/25
Inspection Test	Specification	unit	Test result	instrument
SWCNT content	>99	Wt%	99.2	TGA
SWCNT Length	>100	μm	>100	AFM
Specific surface area	600-1200	m ² /g	990	Quantachrome
SWCNT outer diameter	1.4+0.5	nm	1.4+0.5	Optical absorption
G/D ratio	>50	-	61	Raman (532nm)
Metal content(Cr/Cu/Fe/Ni/Zn)	(<350 <50 <2500 <350 <20)	ppm	(27.1/0/2330/37.5/0)	ICP-AES
Moisture	<5	%	2	Infrared TGA



