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**Skyspring nanomaterials**

## Titanium Nitride Nanoparticles/ Nanopowder (TiN, 97+%, 20 nm)

Product #: 7945HK

TiN, 97+%, 20 nm

Appearance : Black

Empirical Formula: TiN

CAS No.: 25583-20-4

### Specifications

Appearance: Black nanopowder

Purity (%): 97+

Oxygen Content (%): <1

Particle Size (nm): 20

Specific Surface Area (m<sup>2</sup>/g): >80

Bulk Density (g/cm<sup>3</sup>): 0.08

Typical Impurities (Max%):

Si	0.01	As	0.001
Fe	0.03	Sb	0.001
Al	0.002	Cd	0.001
Mn	0.001	Zn	0.001
Mg	0.0005	V	0.001
Pb	0.00025	Zr	0.005
Cr	0.005	Ba	0.005
Ni	0.001	C	0.055
Mo	0.02		
Cu	0.0005		
Sn	0.0005		

