

Technical Data Sheet

Tungsten

Compound Information

Product Name: Tungsten
CAS No.: 7440-33-7
Molecular Formula: W
Molecular Weight: 183.84
Storage: Store at RT
Revision Date: 2026-04-15

W

Analytical Information

Tests	Specifications
Appearance	Black nanopowder
Density	19.3 g/mL at 25 °C (lit.)
Mesh Size	APS 80~100 nm, SSA ~8m2/g
Related Substances	Trace metals analysis : Mo : ≤ 26 ppm, Al : ≤ 12 ppm, As : ≤ 8 ppm, Ca : ≤ 5 ppm, Fe : ≤ 15 ppm, Mg : ≤ 4 ppm, Si : ≤ 3 ppm, Na : ≤ 8 ppm, Ni : ≤ 5 ppm, Mn : ≤ 5 ppm, Pb : ≤ 5 ppm, K : ≤ 57 ppm
Purity	≥ 99.9% (Trace metals basis)
Additional Information	Morphology : Spherical

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