

Product Test Certificate

Product Name	Spherical Tungsten Powder	Type	15-53 μ m		
Chemical Composition					
Element	Value (%)	Test Method	Element	Value (%)	Test Method
W	≥ 99.95	—	Fe	< 0.001	ICP-AES
Al	< 0.001	ICP-AES	Sn	< 0.0001	ICP-AES
Si	< 0.001	ICP-AES	Cu	< 0.0005	ICP-AES
Mg	< 0.0007	ICP-AES	Ca	< 0.001	ICP-AES
Mn	< 0.001	ICP-AES	Mo	< 0.003	ICP-AES
Ni	< 0.0007	ICP-AES	K+Na	< 0.001	ICP-AES
As	< 0.001	ICP-AES	Others	< 0.01	
Gas Impurities					
Element	Value(%)		Element	Value(%)	
C	0.002		O	< 0.02	
N	0.0002		P	0.0001	
Density			Hall Flow Rate		
Apparent Density (g/cm ³)	Tap Density (g/cm ³)		Value(s/50g)		
10.01	11.50		7.5		
SEM					