

PRODUCT TEST CERTIFICATE

Product Name	Spherical Tantalum Powder	Type	15-53 μ m		
Chemical Composition					
Element	Value (%)	Test Method	Element	Value (%)	Test Method
Ta	≥ 99.95	—	Ti	<0.0003	ICP-AES
Fe	0.0012	ICP-AES	Mo	0.001	ICP-AES
Mg	<0.002	ICP-AES	W	0.002	ICP-AES
Cr	0.0007	ICP-AES	Nb	<0.003	ICP-AES
Ni	0.0003	ICP-AES	Si	0.002	ICP-AES
Gas Impurities					
Element	Value(%)		Element	Value(%)	
C	0.0009		O	<0.1	
H	0.0014		N	0.0021	
Density			Hall Flow Rate		
Apparet Density (g/cm ³)	Tap Density (g/cm ³)		Value(s/50g)		
9.91	10.72		5.90		
SEM					