

PRODUCT TEST CERTIFICATE

Product Name	Spherical Ni Powder		Type	45-105µm	
Lot No.	20230920-Ni		Quantity	3 Kg	
Chemical Composition					
Element	Value (%)	Test Method	Element	Value (%)	Test Method
Ni	≥99.9	—	Zn	<0.001	ICP-AES
Fe	0.0021	ICP-AES	Mn	<0.001	ICP-AES
Co	<0.008	ICP-AES	Na	<0.001	ICP-AES
Cu	0.0040	ICP-AES	Si	0.003	ICP-AES
Ca	0.0039	ICP-AES	Mg	0.0024	ICP-AES
Gas Impurities					
Element	Value(%)		Element	Value(%)	
C	0.0021		O	0.064	
Density			Hall Flow Rate		
Apparent Density (g/cm ³)	Tap Density (g/cm ³)		Value(s/50g)		
/	4.17		/		
SEM					