

**PRODUCT TEST CERTIFICATE**

Product Name	Spherical Cu Powder		Type	5-25µm	
Lot No.	20220804-Cu		Quantity	40Kg	
<b>Chemical Composition</b>					
Element	Value (%)	Test Method	Element	Value (%)	Test Method
Cu	Bal	—	Al	0.001	ICP-AES
Fe	0.0035	ICP-AES	Pb	0.0012	ICP-AES
Ni	0.001	ICP-AES	Zn	0.001	ICP-AES
Sn	0.001	ICP-AES	Others	<0.10	ICP-AES
<b>Gas Impurities</b>					
Element	Value (%)		Element	Value (%)	
C	0.004		O	0.086	
<b>Density</b>			<b>Hall Flow Rate</b>		
Apparent Density (g/cm <sup>3</sup> )	Tap Density (g/cm <sup>3</sup> )		Value(s/50g)		
/	4.45		/		