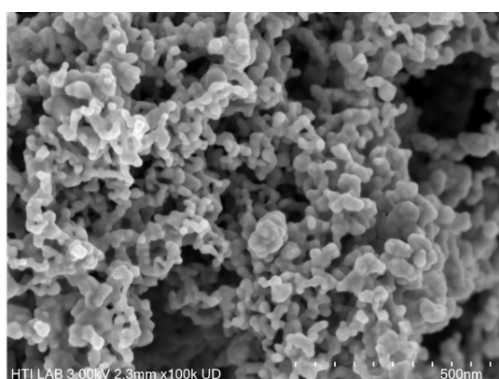# TECHNICAL DATA SHEET

SILVER POWDER

Product: **SilverX001**

Applications: The nano-sized, uniform, pure silver powder - SilverX001 has been designed as a filler for conductive paste and inks for electronic industry and other applications.

1. Technical cahracteristics of SilverX001

#	Parameter	Data	Control method
1	Appearance	Light gray powder	Visually
2	Silver content, wt.%	99.5	TGA
3	Volatiles, wt.%	<0.2	TGA
4	Size distribution, nm		DLS
	10%	<10	
	50%	<18	
	90%	<93	
5	Fraction, no less than 100 nm, %	99	
6	Packing Density, g/cm^3, no less than	-	Mass to volume after shaking

2. SEM image of silver powder SilverX001:

HTI LAB 3.00kV 2.3mm x100k UD   500nm

3. Signature

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