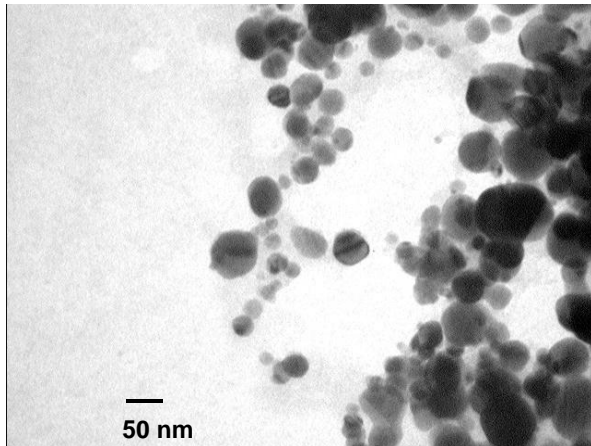


## Silver Nanopowder

www.novacentrix.com

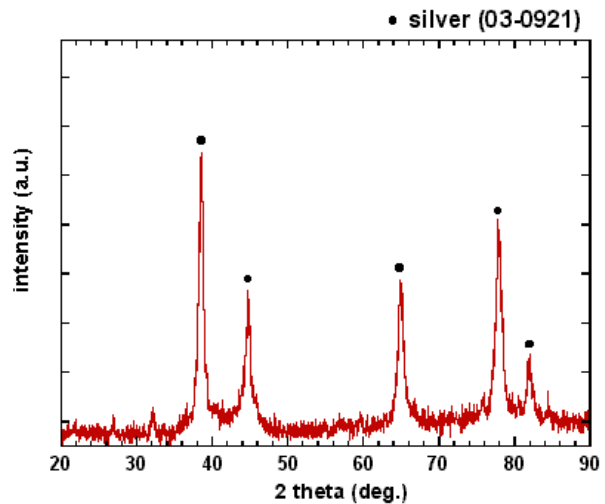
NovaCentrix manufactures silver nanopowder with average particle size of 25 nm, with a specific surface area of 23 m<sup>2</sup>/gm. Silver nanopowder is used in electrically conductive inks for inkjet and flexographic printing. Silver has also been shown to have antimicrobial properties.

### Characterization



#### Imaging and Morphology

Transmission electron microscope (TEM) image of silver with 25 nm average particle size.



#### Material Structure and Crystallinity

X-ray diffraction data (right) for silver showing the material to be highly crystalline. Note the broad peaks in the pattern confirming small crystallite size.

<b>Sample Applications</b>	<ul style="list-style-type: none"> <li>- Electrically conductive inks and adhesives for photovoltaics, displays, energy storage, RFID, and smart packaging</li> <li>- Silver has been shown to have antimicrobial activity</li> </ul>
<b>Availability</b>	<ul style="list-style-type: none"> <li>- Pricing at \$15/gram, with 10 gram minimum required</li> <li>- Volume pricing available</li> <li>- Due to demand, inquire for stock availability. If in stock, orders will generally ship within 2 days of receipt.</li> </ul>

www.novacentrix.com

Contact us today to learn more.

Karl Martin: 512 491 9500 x250

karl.martin@novacentrix.com