

## SZ-009-1 银纳米胶体

### 1 技术参数 (Specification)

产品 Product	银纳米胶体 Silver Nanoparticles
牌号 ID	SZ-009-1
直径 Diameter	10-20nm
浓度 Concentration	0.1 mg/ml
溶剂 Solvent	水 water

### 2 表征测试 (Characterization)

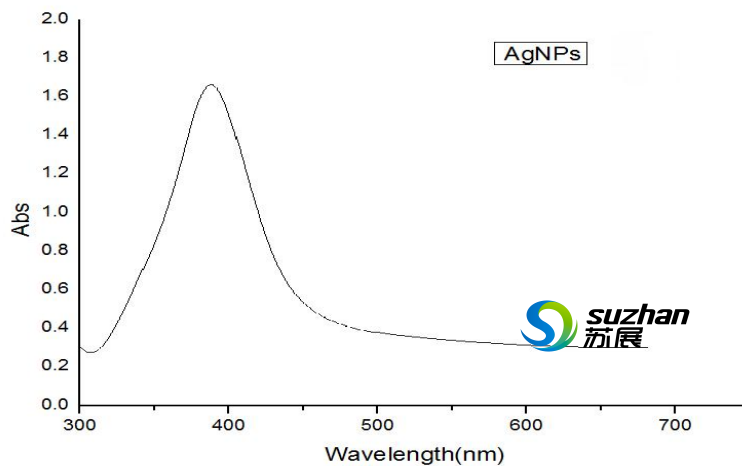


图 1 10-20nm 银纳米颗粒的紫外吸收谱

Fig.1 UV absorption spectrum of Ag Nanpparticles(10-20nm)

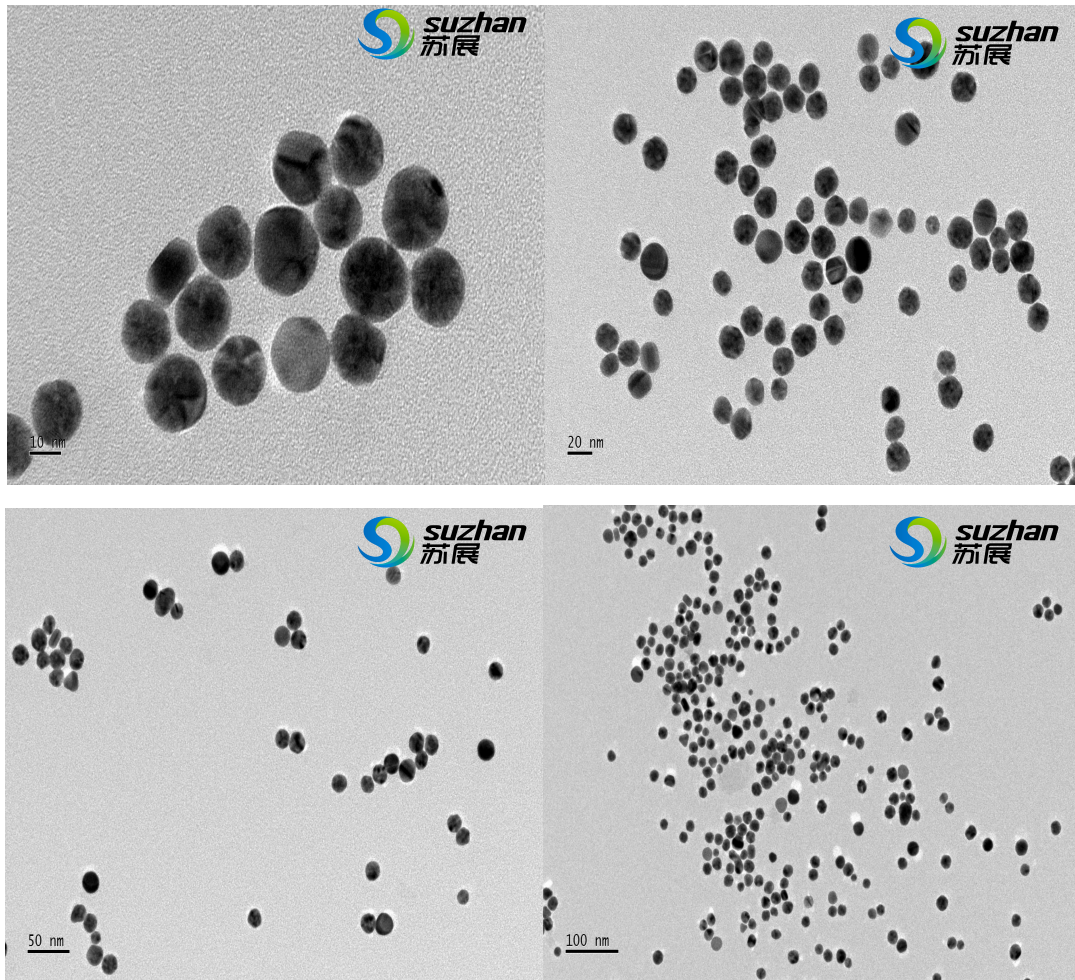


图 2 10-20nm 银纳米颗粒的 TEM  
Fig.2 TEM of Ag Nanpparticles (10-20nm)

### 3 特点 (Features)

银纳米颗粒表面带负电荷，根据需要可以调制表面电荷；高比表面积、高负载量，易表面功能化；分散性、稳定性佳。

The surface of silver nanoparticles is negatively charged, which can be adjusted as needed. High specific surface area, high load, easy to functionalization on the surface, good dispersibility and stability.

### 4 储存条件(Storage Conditions)

4℃冷藏密封保存，在未引入污染源的情况下最长保存期限为6个月。

Sealed and keep at 4℃. Expiry date: The maximum shelf life is six months without the introduction of a source of pollution.



# 南京苏展智能科技有限公司

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南京苏展智能科技有限公司  
地址：南京市栖霞区广月路 30 号十月科创园 S06 栋南京邮电  
大学国家大学科技园  
邮编：210033  
电话 **Tel:** 13801599205  
[Http://www.cnsuzhan.com](http://www.cnsuzhan.com)

Nanjing Suzhan Smart Tech Co.,Ltd  
Add: Nanjing City Jiangsu Province China  
Zip: for 210033  
**E-mail:** cnsuzhan@126.com