

SZ-009-2 银纳米胶体

1 技术参数 (Specification)

产品 Product	银纳胶体 Silver Nanoparticles
牌号 ID	SZ-009-2
直径 Diameter	28±4nm
浓度 Concentration	0.05 mg/ml
溶剂 Solvent	水 water

2 表征测试 (Characterization)

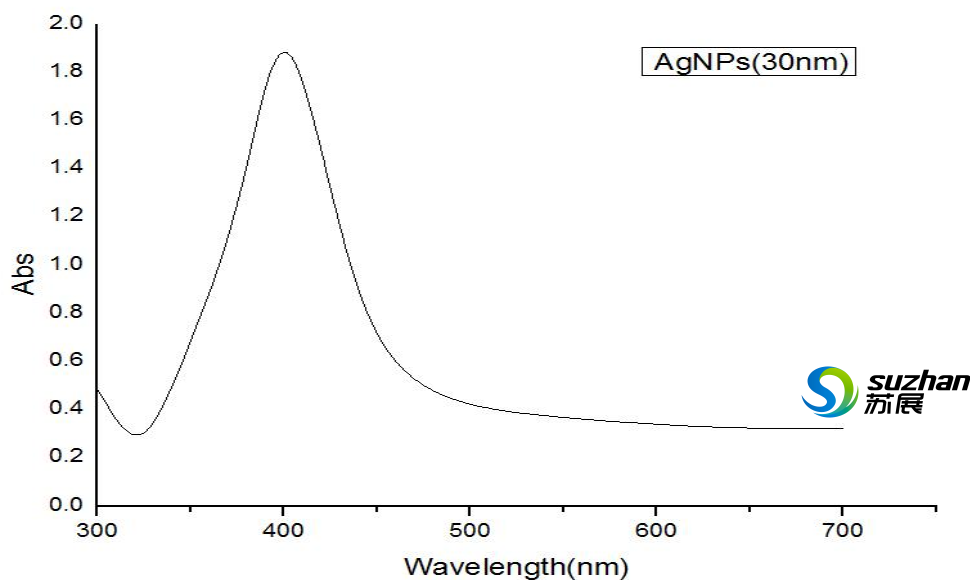


图 1 30nm 银纳米颗粒的紫外吸收谱

Fig.1 UV absorption spectrum of Ag Nanparticles(30nm)

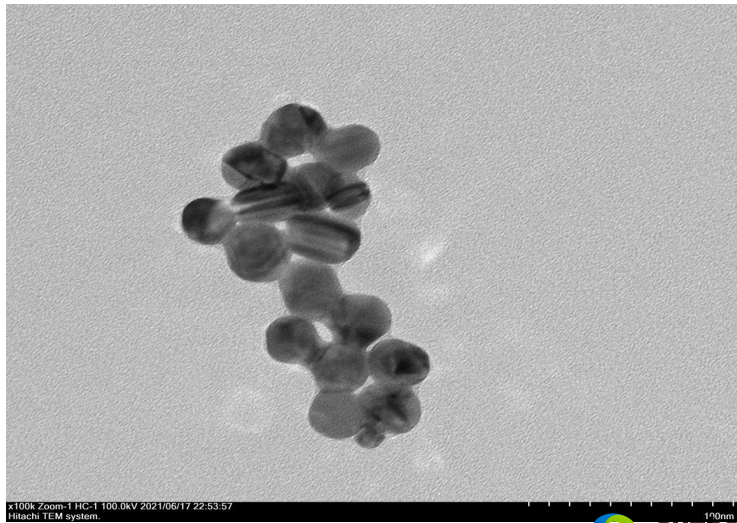


图2 30nm 银纳米颗粒的 TEM

Fig.2 TEM of Ag Nanparticles (30nm)

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.

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