

Cylindrical SERS Substrates

(Surface-enhanced Raman Spectroscopy)

Specification (Category number: cSERS[®]-Ag-1)

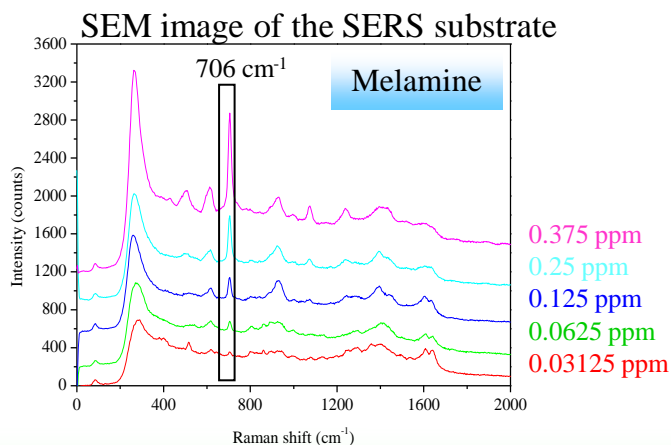
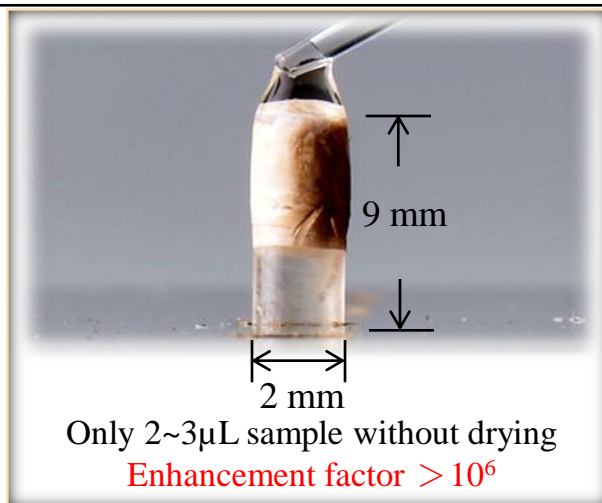
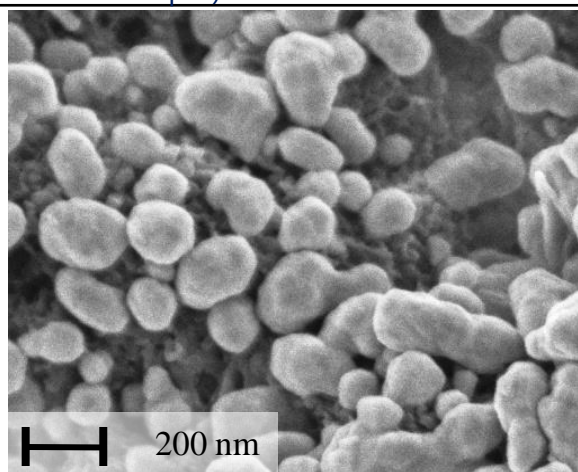
Dimension of cSERS Substrate	I.D. = 2mm, Height = 9 mm (roughly)
Required Sample Volume	< 5 μ L
Recommended Storage Temperature	Less than 20 $^{\circ}$ C
Enhanced Metal	Nano Silver (SEM image shown below)
Application Laser	532 nm, 633 nm, 785 nm, and others

Patent: I464389, M516159, ZL2013 2 0821233.9

* Sales must be authorized by Labguide and law.

International papers:

- Sensitive Cylindrical SERS Substrate Array for Rapid Microanalysis of Nucleobases
- Atmospheric Pressure Plasma Jet in Organic Solution: Spectra, Degradation Effects of Solution Flow Rate and Initial pH Value
- Rapid detection of melamine in milk liquid and powder by surface-enhanced Raman scattering substrate array
- 3-min Rapid Test Peritoneal Dialysis Patient of Bacteria Infection by Raman (This paper will be announced on April)



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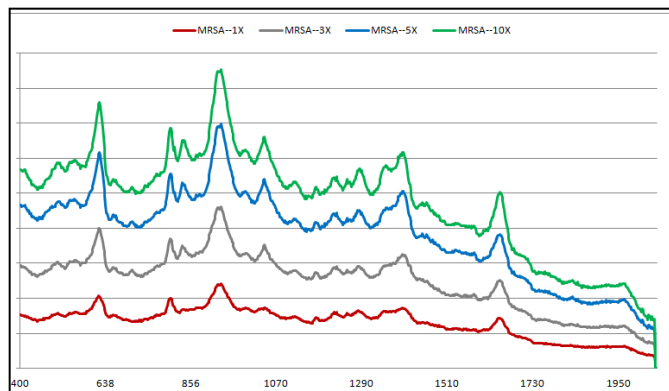
Address: Chunshen Road Beitang JinMa mall A703 District No.55, JinMa mall, Wuxi, Jiangsu province

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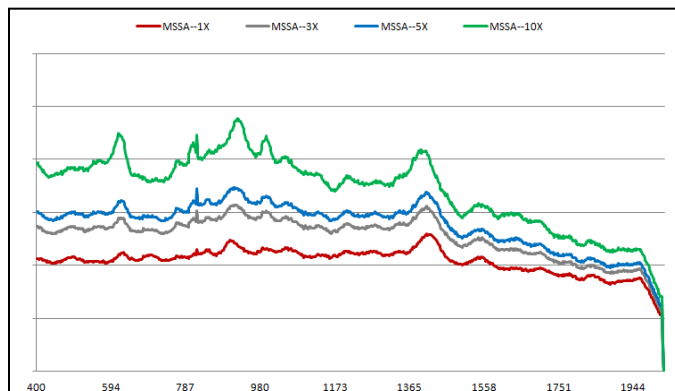
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Raman Spectrum of MRSA



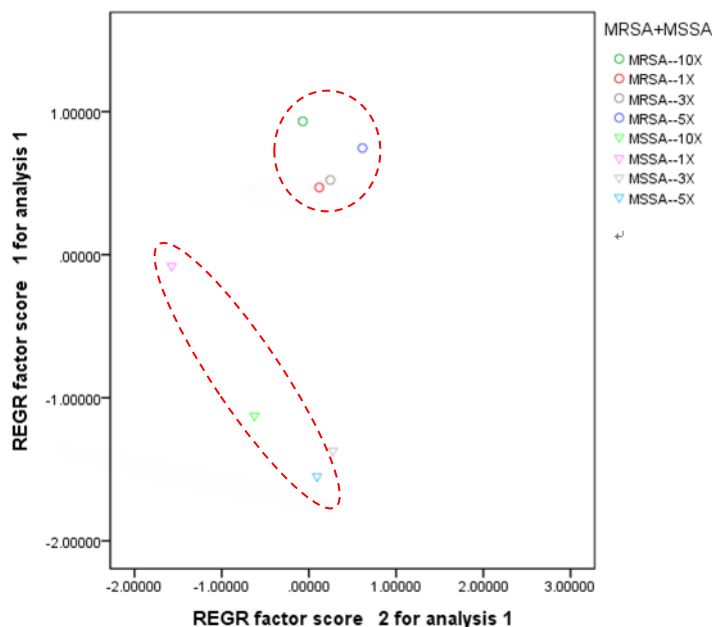
Raman Spectrum of MSSA



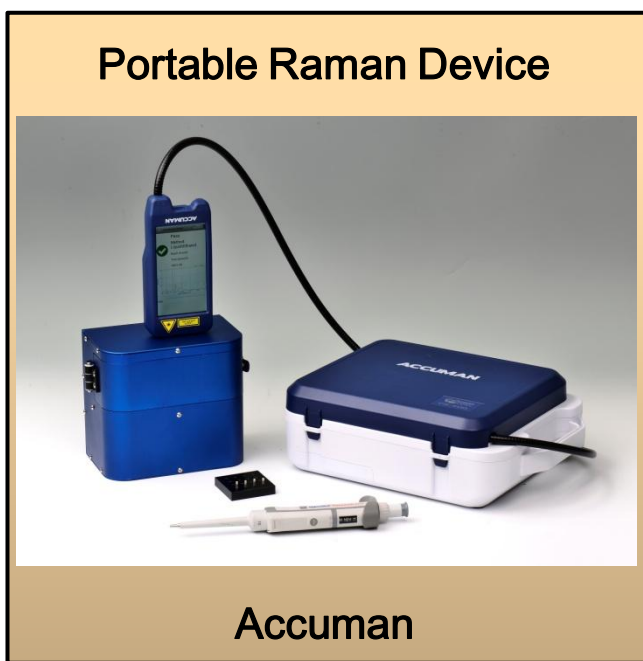
MRSA=Methicillin-resistant *Staphylococcus aureus*

MSSA=Methicillin-sensitive *Staphylococcus aureus*

Comparison of PCA plots for MRSA and MSSA



Portable Raman Device



Accuman

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