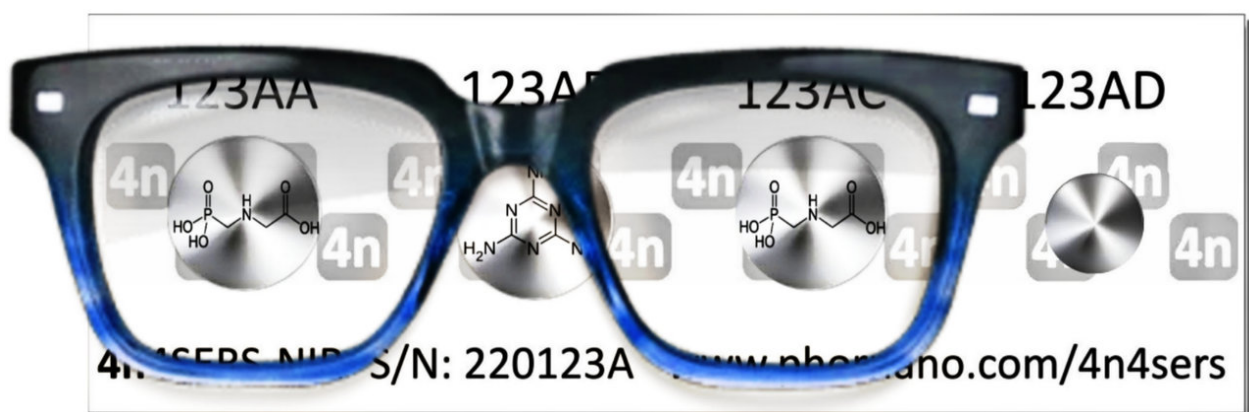
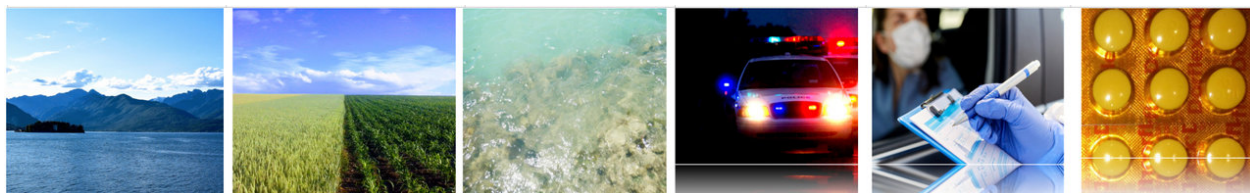


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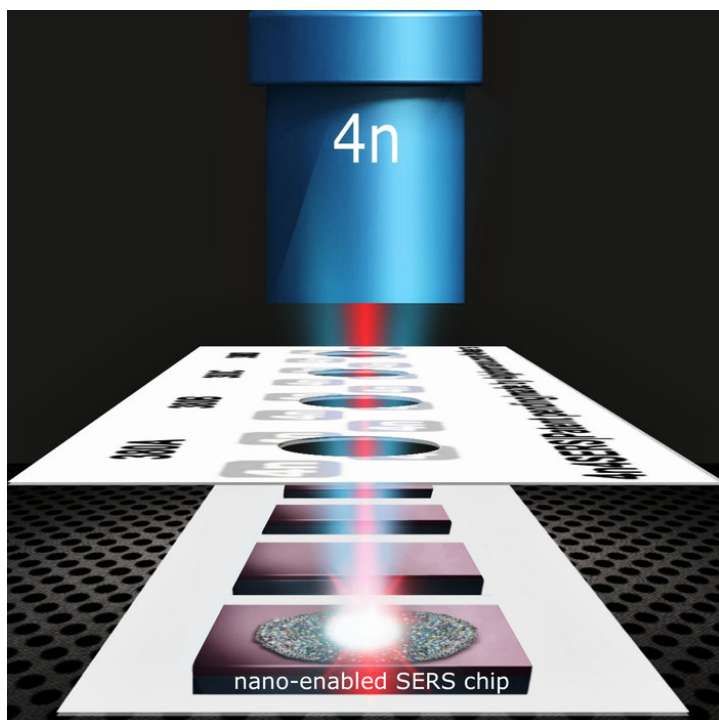
Ideal for Raman @ **671/785/830/1064 nm***)
FREE shipping option available NOW)**



Detect with ease and accuracy: traces of pesticides in food and environment; explosives and street narcotics in forensic detection; pathogens in biomedical applications and quality issues in in-line control. Enhance your Raman signal!



Enhance your Raman signal with ease with 4n4SERS

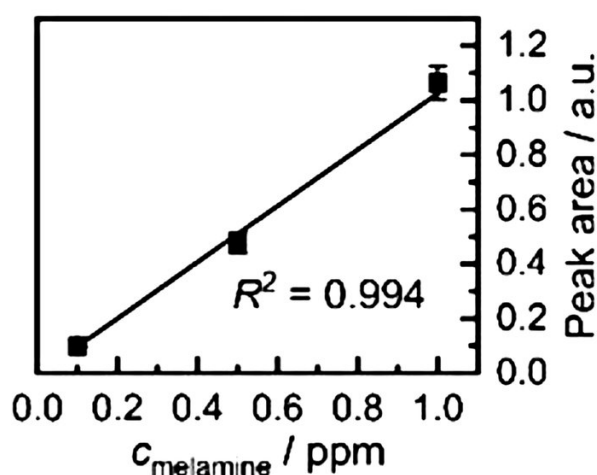
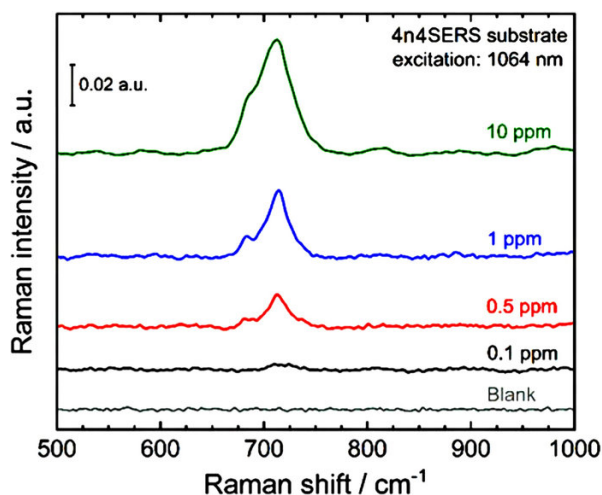


The schematic of a 4n4SERS substrates allows to see what is hidden under the cover film displaying unique chip-identifiers:

- The nano-enabled SERS chip is based on 4n's patented rugged **Signal Enhancing Heat Sink** technology and protects the analyte from overheating.
- **5 μL of the analyte** are dried on top of the nano-enabled 4n4SERS chip.
- The Raman laser (red) is focussed onto the analyte, while the **Raman signal (blue)** is generated, **enhanced** and reflected into the Raman probe by the 4n4SERS chip.

Quantitative SERS & Enhancement up to 1 mio times

by: Mayr et al. Sensitive and high laser damage threshold substrates for surface-enhanced Raman scattering based on gold and silver nanoparticles. [read more](#)



4n4SERS: Melamine in water @ 1064 nm

- Powerful enhancement
- Autofluorescence eliminated

Quantitative SERS characterization

- Determination of concentration
- Linear behavior
- Concentration vs. peak area

Order your 4n4SERS20

**4n4SERS20: 5 units 1x3" flexible 4n4SERS substrates á 4 SERS-chips each
20 SERS chips**

Please forward this information to a colleague who might be interestd in **working with 4n4SERS** or is looking for a reliable solution, based on SERS. Thank you!

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