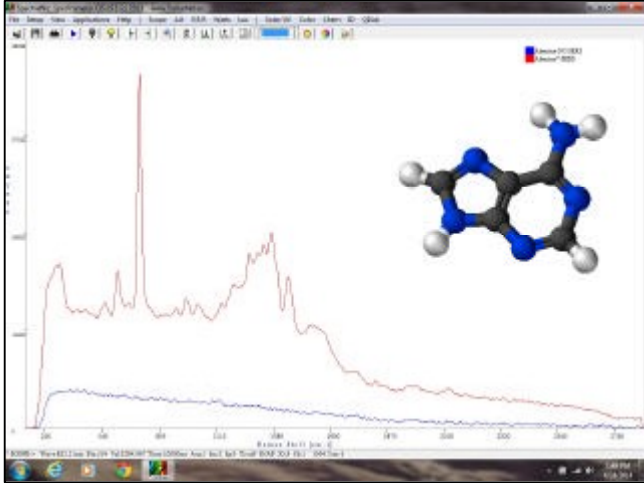
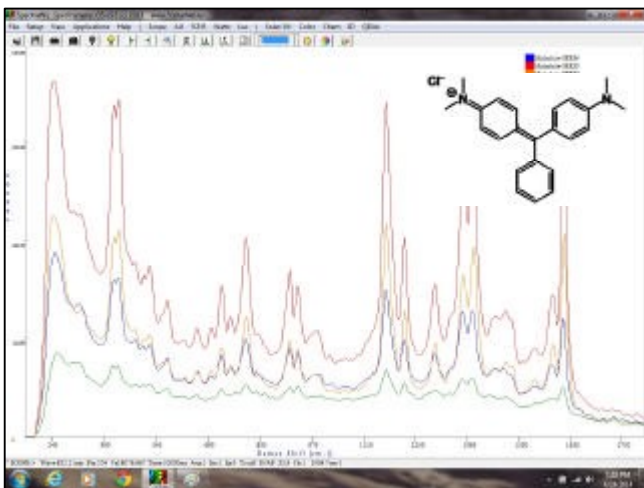


SERS Substrates for Raman Spectrometers

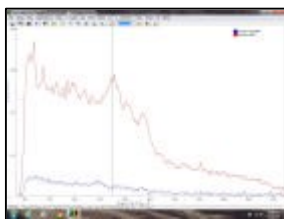
- Affordable, high performance SERS substrates that don't sacrifice sensitivity and repeatability.
- Compatible with all StellarNet Raman Spectrometers, Lasers, & Accessories



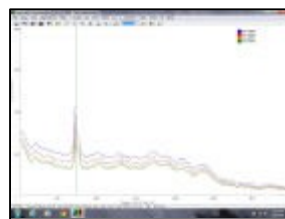
Adenine Raman Signal with SERS vs. NO SERS
Adenine is one of the two purine nucleobases used in forming nucleotides of the nucleic acids



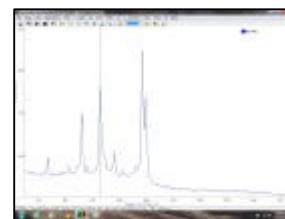
Malachite Green @ 10 ug/ml varying laser power
Pesticide & Fungicide Detection



Morphine
SERS vs. NO SERS



Melamine - 100ug/ml
Adulterant detection
in Infant formula



BPE - 10uM
Anti-counterfeiting
tracer for Authenticity



➤ Easy to Use

- “Traditional” Pipette
- Dipping
- Swabbing



➤ Applications

- Agriculture
 - Pesticide detection
 - Food contamination testing
- Homeland security & Law enforcement
 - Trace explosives detection
 - Trace detection of narcotics such as cocaine & heroin
- Anti-counterfeiting
 - Detection of weakened/inactive counterfeit drugs
 - Counterfeit perfumes and liquors

StellarNet SERS Substrates

| | |
|-------------|---|
| SERS-Gold | Package of 25 SERS substrates for 785nm Systems |
| SERS-Silver | Package of 25 SERS substrates for 532nm Systems |

