



Advanced Molecular Taggent Technology

Key Features and benefits

redweb technologies
New Advanced
Molecular Taggent Technology

The latest innovation in Forensic Molecular Taggent Technology.

RedWeb Technologies have been a leader in the development and supply of advanced tagging technology to the police, security services and leading blue chip companies for several years and have earned the reputation as technology leaders in this space. Continuing in this tradition, RedWeb Technologies are pleased to announce the launch of what is arguably the most advanced molecular taggent technology available in the security market today.

- **More Readable**
500 times more sensitive than our existing DNA taggent technology. Forensic identification of a code origin is achievable from 1 x 50 micron particle. The RedWeb molecular taggent beads are made fluorescent, making sampling very much easier. There is enough taggent on a single bead to allow unambiguous analysis by protein sequencing. The taggent can be identified by N-terminal Edman sequencing or by mass spectrometric methods, increasing access to specialist equipment and therefore improving speed of analysis.
- **More Robust**
Resistant to attack by battery acid, hydrochloric acid, heat (up to 200°C) and chemicals. The new RedWeb molecular taggent is more chemically robust than DNA molecule. DNA is a fragile molecule, readily hydrolysed in acid and degraded by microorganisms.
- **More Reliable**
The UV tag is biologically attached to the molecular taggent bead, so identification of the asset or property is indisputable, providing a UV source is visible.
- **More Repeatable**
There are trillions of unique codes available, so there is no chance of a code being duplicated, compromising forensic analysis and conviction.

Secured by Design



Official Police Security Initiative

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‘Intelligent Security Solutions’