

WuXi invests on on-dose authentication solution

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Singapore: China's WuXi PharmaTech and TruTag Technologies, developer of an innovative edible security platform for pharmaceuticals, have completed joint testing of TruTag's on-dose authentication solution.

TruTags offer solution for drug manufacturers, allowing a digital scan of a drug to confirm its authenticity and reveal provenance information such as manufacturing location, dosage, images of packaging, expiration date, supply chain data, and lot or batch number. WuXi and TruTag Technologies announced their alliance in 2014, including an investment by the WuXi Venture Fund in TruTag.

TruTags can be applied to qualifying solid oral dosage form (SODF) products using a consistent, repeatable process. WuXi

and TruTag will now begin further testing of TruTags on additional API products. They will also produce a technical white paper for the industry detailing the results of the application method and practice, the detection process and data collection, and outcomes of dissolution and stability testing. TruTag is already working with several multinational pharmaceutical companies in pilot testing for broad deployment of this technology in marketed SODF drugs and product candidates.

"We are very excited about these results," said Dr Ge Li, chairman and CEO, WuXi PharmaTech. "At WuXi, we are always seeking cutting-edge solutions like TruTags to help support the development and protection of our customers' innovative products."

Mr Kent Mansfield, president, TruTag Technologies, commented, "We are excited to confirm these results in testing conducted with our partner WuXi PharmaTech, an innovative company that values its customers' IP and patients' safety. We have demonstrated the ability of our technology to integrate an edible and safe identification code directly into an oral solid drug, thereby indelibly marking the product with an internal code for its lifetime. In the near term, this will allow drug manufacturers and distributors to have the ultimate audit of a drug's provenance and origin without reliance on packaging or laboratory chemical analysis."

"One can think of TruTags as a form of edible PIATS, or Product Identification Authentication Tracking System, which can be embedded into a product like unique fingerprints," said Dr Hank Wuh, Founder and Chairman, TruTag Technologies. "With our ability to securely identify individual goods without labels or packaging, we aim to dramatically improve the safety and traceability of critical products such as food and medicine and in the process to have a fundamental impact on big data."