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PRESS RELEASE

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(Woburn, MA, USA)

**Olympus Innov-X Announces Non-Destructive Fingerprinting of Pharmaceutical Compounds with a Low-Cost, Small Footprint Benchtop XRD System, the BTX**

All drug formulations have a unique fingerprint of both active and inactive ingredients that identifies the efficacy and brand of each drug. Pharmaceutical compound fingerprinting is commonly done using X-Ray Diffraction (XRD).

Drug manufacturers have a responsibility to consumers: To use the correct formulations of their products to be sure that they are safe, and doing what they are intended to do. Incorrect formulations containing foreign or substitute ingredients can jeopardize a patient's well-being. Additionally, when incorrect or counterfeit formulations are distributed under a brand name, the reputation of the manufacturer is at risk. Drug manufacturers must protect their business interests by ensuring that the correct formulations of their products are being distributed. This will ensure that patients are receiving the correct formulation, that their branding isn't compromised by counterfeiters, and that they have documented fingerprint records of all their drug and formulation steps.

A non-destructive fingerprinting method for drug formulations is essential for pharmaceutical manufacturers. It offers factual support for patent and other legal records as well as retention of the original powder material if needed. A drug formulation, at any stage, can be quickly scanned for its fingerprint by measuring its crystalline structure with XRD. The BTX combines both XRD fingerprinting and XRF elemental ID to perform rapid, thorough identification with a unique sample handling system in a low-cost, small footprint benchtop configuration.

Olympus-Innov-X is the exclusive global supplier of the Terra Portable XRD and the BTX Benchtop XRD products. To learn more about Portable XRD/XRF visit our website at <http://www.innovx.com/en/products/terra>.

**About Olympus Innov-X**

Olympus Innov-X, founded in 2001 and acquired by Olympus NDT in 2010, is a global leader in rapid, on-site XRF and XRD measurements. Olympus Innov-X provides real-time, non-destructive analysis where the answer is needed the most. Their full suite of on-site XRF products provides high performance elemental analysis for Mg thru U, ppm to 100%. Olympus Innov-X has the breadth of XRF & XRD experience and range of product offerings to provide field-hardened, high global service organization with worldwide operations, sales, and service. Headquartered in the U.S. with R&D and manufacturing facilities, they have offices in Europe, Asia & Australia. In addition, sales and service (including installation & training) is available in over 100 countries.

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