

National Institute of Justice

Award Title: Fundamentals of Forensic Pigment Identification by Raman micro-spectroscopy: A practical identification guide and spectral library for forensic science laboratories.

Award Description:

This goal of this project is to develop methods of analysis for paint pigments using Raman spectroscopy. Raman spectroscopy, which is becoming more widely available in forensic science laboratories, is the first analytical technique to provide the spatial resolution, sensitivity and specificity necessary to identify pigments in situ while still in the paint film or other binder. The results of this research project would advance the analysis of paint, ink, and fiber evidence.

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Awardee Name: Microtrace LLC	Award Number: 2010-DN-BX-K236
Solicitation Title: NIJ FY 10 Research and Development on Instrumental Analysis for Forensic Science Applications	Fiscal Year: 2010
Amount: \$237,977.00	Earmark: No
Recovery Act: No	State/Territory: IL
County: Kane	Congressional District: 14
Award Status: Closed	