



B19 Quantitation of Methamphetamine Laced Paper Discovered Within a Correctional Facility

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Attendees will be presented with a case report involving methamphetamine-laced paper.

This presentation will impact the forensic community and/or humanity by educating the community on a unique case of methamphetamine-laced paper that was apparently smuggled into a correctional facility.

We report a case of methamphetamine-impregnated paper discovered at the Jackson County jail in Seymour, Indiana. Various sized sections of stained construction paper were confiscated from a prison inmate and analyzed by the Greenwood Police Department Crime Lab. The paper was found to be positive for methamphetamine by reaction with marquis reagent and confirmed by GC-MS. GC-FID was then used to quantitate the concentration of methamphetamine on the paper by internal standard method. Twenty random single-hole punches were selected for sampling and extracted into organic solvent by basic extraction. The paper was found to contain an average concentration of 12.64 $\mu\text{g}/\text{cm}^2$ of paper (15.25 mg methamphetamine per 8.5" x 11" sheet of paper) with a peak concentration of 20.24 $\mu\text{g}/\text{cm}^2$ (24.42 mg per sheet). Law enforcement should be aware that methamphetamine laced paper is a viable method for transporting and smuggling the controlled substance into a correctional facility.

References

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