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of the the Chain of Custody of Samples During On-Site Inspections

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A chain of custody (COC) is required in many laboratories that must analyse forensic materials and also to assure reliability of reported results. Tracking a reliable COC during an on-site inspection can be laborious but it is mandatory as it must assure that the evidence is authentic and traceable. The sampling methodology of the material, its transport and all the analysis steps as well people involved must be reported as information on the COC or chain of evidence. Although there is no limit to the number of transfers, it is crucial to keep this number as low as possible. A new solution for the future will be proposed: sample based COC, which could be innovative to eliminate problems with duplicates and/or splitting samples; location based COC based on RFID radio frequency identification; container based COC using electronic data key that can additionally detect any breach of integrity (evidence tampering).

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Promotional text

Tracking the solution.

Oral preference format

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