



Manufacturer's Information

Latent Print Processing Test No. 17-5190

Each sample pack consisted of three items of simulated crime scene evidence. Each item was divided into labeled sections and contained one latent fingerprint. The items consisted of a plastic light switch plate (Item 1), a glossy postcard (Item 2), and a half-sheet of ruled notebook paper (Item 3). Participants were asked to process each item for latent fingerprints, utilizing the method(s) deemed most appropriate for the substrate being examined.

SAMPLE PREPARATION-

The nonporous switch plate was cleaned with water and a paper towel before latent prints were applied. The postcards were wiped clean with a paper towel before prints were applied. New, unused notebooks were used for the samples that could not be cleaned. Each item was divided into sections labeled A, B, C, and D, as one print would be deposited in only one of the four sections. For each item, either an acid or lipid enhancer was applied to the individual's finger prior to deposition to assist in the longevity of the print. A randomly selected group of samples were processed in-house to confirm the location and viability of the deposited prints before shipping to participants.

SAMPLE PACK ASSEMBLY-

Each item was packed into its pre-labeled item envelope. Following predistribution testing, each item envelope was sealed with evidence tape and initialed with "CTS". These were then placed into a sample pack box and sealed with packaging tape.

VERIFICATION-

Predistribution examiners were able to recover ridge detail in the expected section of each item.

<u>Item Number</u>	<u>Test Samples</u>	<u>Enhancer Used</u>	<u>Print Location</u>	<u>Pattern Detail</u>
1	plastic switch plate	oil	C	arch
2	glossy postcard	oil + acid	D	loop
3	ruled notebook paper	acid	B	whorl

The information presented here details how test samples were prepared as well as any design specifications. This information does not necessarily represent the answers that should or could be obtained from an examination of the sample(s). Final interpretation of the results should be deferred until the summary report is available.