



COMMONWEALTH of VIRGINIA

DEPARTMENT OF FORENSIC SCIENCE

OFFICE OF THE DIRECTOR
A Nationally Accredited Laboratory

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NOTICE OF DFS POLICY CHANGE

To: All Agencies Served by DFS
From: Linda Jackson, Department Director 
Date: February 10, 2021
RE: Latent Print Database (AFIS/NGI) Search Results

The Latent Print Section utilizes the Virginia Automated Fingerprint Identification System (AFIS) and the Next Generation Identification (NGI) system to provide investigative information about individuals potentially associated with criminal events through the search of partial latent prints recovered from evidence against databases of known exemplars (fingerprints and palm prints).

The known exemplars obtained as a result of a database search could potentially contain characteristics very similar to those present in the partial latent print (considered a "close non-match"). A comparison conclusion is an examiner's opinion based upon the interpretation of the details present in the latent print and the known exemplar. Historically, examiners have been able to differentiate between a close non-match and an identification; however, due to the increasing size of the databases and the advancements in matching algorithms, this task is becoming more difficult. Accordingly, the Department has implemented additional quality assurance measures and reporting requirements to minimize the risks for more complex latent prints.

Below is an example of the language that will be included on the Certificate of Analysis for instances where the risk of a potential close non-match is higher due to the complexity of the latent print.

Due to the nature of latent print 1P2 and given the higher chance of a coincidental match in a large database, similar corresponding characteristics could be observed in the friction ridge skin of a different person.

The result of a database search is intended to provide an investigative lead, and any possible connection or involvement of the individual to the case must be determined through further investigation.

Please contact the Latent Print Section Supervisor for your service area at the number listed if you have any questions or concerns.

Laboratory	Section Contact	Phone Number
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