

Toll Free: 1-866-832-6772 Office: (601) 626-1100 Fax: (601) 626-1122

Ron Smith & Associates, Inc.

www.RonSmithandAssociates.com

PLEASE NOTE:

- THIS DOCUMENT IS FOR TEST DEMONSTRATION PURPOSES ONLY.
- THIS DOCUMENT HAS BEEN COMPRESSED FOR EASY WEB DOWNLOAD.
- IMAGES CONTAINED IN THIS DOCUMENT ARE NOT COMPARISON QUALITY IMAGES AND DO NOT ACURATLEY REPRESENT RS&A PRODUCTION TEST IMAGES. RS&A PRODUCTION TEST IMAGES ARE RENDERED AT 1000PPI. THE HIGHEST QUALITY IN THE INDUSTRY.
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RS&A LATENT PRINT COMPARISON PROFICIENCY TEST

- We offer a Latent Print Comparison Proficiency Tests twice per year, Spring and Fall.
- Each test cost \$325-\$375 depending on the media option you choose, but RS&A offers deep discounts on multi-year commitment and test quantities of 5 or more.
 Call us today and get your custom quote pricing.
- Each test has at least 10 latent prints and a varying number of tenprint known cards and known palm cards.
- Participant results are submitted using our easy online Results Entry Portal.
- Important cycle dates can be found online.

IN THIS DOCUMENT YOU WILL FIND

- Instruction sheet.
- Sample test images (latent & known).
- Manufacturer report.
- Individual report.
- Advanced summary report.

For additional information, questions, or to order RS&A Proficiency Tests contact:

Lucas Hatcher, Sales and Marketing Director

Phone: 1-866-832-6772

Email: testing@ronsmithandassociates.com

OR VISIT US ONLINE:

www.RonSmithandAssociates.com



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Instructions for Latent Print Comparison Proficiency Test

Test #XXXX
Submission Due Date: MM/DD/YYYY

Scenario:

A manager and an employee of a local business had prepared the daily bank deposit and were attempting to leave for the bank. As they opened the doors on the manager's vehicle, they were approached by two masked individuals armed with handguns. The masked individuals forced the manager to drive to an abandoned warehouse where they bound the victims with tape and took the plastic bank deposit bag as well as their jewelry and cell phones. The suspects fled in the manager's vehicle and left the victims at the warehouse. The victims were able to eventually escape from the tape and walk to find help. The manager's car was located later that evening in the parking lot of a local business.

Investigators processed the vehicle and items from the warehouse for latent print evidence and submitted the following items for latent print examination:

- L-1 Latent print chemically developed on the back of a deposit slip found in the manager's vehicle.
- L-2 Latent print chemically developed on the back of a deposit slip found in the manager's vehicle.
- L-3 Latent print chemically developed on the torn plastic deposit bag found in the manager's vehicle.
- L-4 Latent print developed on and lifted from the exterior of the driver's door.
- L-5 Latent print developed on and lifted from the exterior of the driver's door window.
- L-6 Latent print developed on and lifted from the exterior driver's rearview mirror.
- L-7 Latent print developed on and lifted from the exterior of the passenger's door.
- L-8 Latent print developed on and lifted from the exterior of the passenger's door.
- L-9 Latent print developed on and lifted from the exterior of the passenger's door window.
- L-10 Latent print developed on the adhesive side of used duct tape found in the warehouse.
- K-1 Known fingerprints and palm prints of the store manager.
- K-2 Known fingerprints and palm prints of the store employee.
- K-3 Known fingerprints and palm prints of suspect #1.
- K-4 Known fingerprints and palm prints of suspect #2.





Instructions:

Compare the submitted latent prints with the known fingerprints and palm prints of the two suspects, the store manager, and the store employee. The items in this test should be treated in the same manner as items typically received within your laboratory. A hard copy worksheet has been provided for the examiner's convenience. Once the test has been completed in its entirety, the results must be entered into the web portal for electronic submission.

Note: If you purchased the digital version of this test, please be aware that it may take a few minutes for the images to load due to the large file sizes associated with high resolution images. To expedite this process, we suggest that you copy the digital files to your computer and open them directly from your computer's hard drive rather than from the DVD.

Prior to distribution of this test, all of the expected responses were determined, by internal and external consensus, to be either "Identification" or "Exclusion"; however, we are aware that some agencies allow for a conclusion of "Inconclusive" in their casework. In designing this Proficiency Test, there was no intention to force a participant to render a conclusion which goes beyond their considered opinion. To satisfy this option, participants are allowed to enter "Inconclusive" as a response. Due to the fact that a participant's "Inconclusive" response does not meet the assigned values, it will appear as an inconsistent response in the individual participant report as well as in the summary report and be incorporated as such in the statistical analysis. It will be up to each agency to decide if the participant's "Inconclusive" response qualifies as being acceptable under their policies and procedures. Please note that leaving the "Conclusion" column blank for any of the latent prints will cause the results submission form to be rejected.

For each latent print that is identified, enter "Identification" in the "Conclusion" column for that latent print, followed by the appropriate K-# for the individual identified and the specific finger or palm to which it was identified. If <u>all</u> of the provided known prints are excluded as the source of a latent print, enter "Exclusion" in the "Conclusion" column for that latent print. Joint fingerprints are to be identified to the corresponding finger and not the corresponding palm (even if a palm card is used to make the identification).

After all comparisons have been completed, the results must be submitted via the RS&A Web Portal at http://www.ronsmithandassociates.com/proficiency. Click "Results Entry Portals" on the left side of the page, and then select "LATENT PRINT". You will be directed to log in by using the test code provided on the front page of this document and the password that has been supplied to your agency.

Prior to entering your results, you will be <u>required</u> to answer a few general demographic survey questions. Your responses and test results will be used to generate the summary report upon the completion of this testing cycle. **RS&A will not use your results for any other purposes.** The RS&A Web Portal will save your responses as you enter them, allow you to work at your own pace, and if needed, complete your submission at a later time. **Both the Demographic Survey and the Results Entry Form must be completed in their entirety in order for RS&A to accept the test results.** If you are unable to submit your results via the RS&A Web Portal, please contact our Testing Division for alternate submission instructions.





Please note there is an additional required question at the end of the demographic section which asks: "Is your agency a member of the European Network of Forensic Science Institutes (ENFSI)?" This question will enable the cumulative results from the European nations to be analyzed both globally and from a continental perspective. **Individual results from specific participants will still remain completely confidential**. This additional question was added at the request of ENFSI as part of their ongoing efforts to advance the practice of latent print examination across Europe.

There is an area for comments on the results form which will be published in the summary report. Please take advantage of this opportunity to tell us what you liked about the test and what you wish we would change to make the test even better in the future. This test is designed for you, and you have the right to suggest improvements and let us know if we are meeting your needs. We look forward to, and very much appreciate your comments.

In order for your results to be included in the final summary report for this test, responses must be received no later than MM/DD/YYYY.

For any questions or inquiries concerning this test, please contact the Latent Print Comparison Proficiency Testing Coordinator by emailing testing@ronsmithandassociates.com or by calling toll free at 1-866-832-6772.





<u>Latent Print Comparison Proficiency Test #XXXXX</u> <u>Demographic Survey</u>

1. If your agenc	y is ISO/IEC accr	edited, to which standard(s) are	you accredited?
□17020	□17025	□Not Accredited	
2. Is the individ	ual assigned to t	his test civilian or sworn?	
□Civilian	□Sworn		
3. Is the individ	ual assigned to t	his test I.A.I. Certified in Latent I	Prints?
□Yes	□No		
4. What is the p	orimary job posit	ion of the individual assigned to	this test?
☐Tenprint Exa	miner	☐ Latent Print Trainee	☐ AFIS Technician
☐ Latent Print I	Examiner	☐ Crime Scene Investigator	Other (specify):
	ly, what percent d comparison of	age of the above referenced ind latent prints?	lividual's time is devoted to the
☐Less than 259	% □25%	to 50%	□76% to 100%
6. Approximate individual comp		ours of formal latent print exami	nation training has the above referenced
☐Less than 40	Hours	□40-80 Hours	□81-200 Hours
□201-400 Hou	ırs	□401-1000 Hours	□1001+ Hours
7. How long has	s the above refe	renced individual been conduction	ng latent print examinations?
☐Less than 1 Y	'ear	□1-3 Years	□4-6 Years
□7-10 Years		□11-20 Years	□21+ Years
8. What is the h	nighest level of e	ducation that the above referen	ced individual has completed?
☐ High School	or Equivalent	☐Associate's Degree	☐Bachelor's Degree
☐Master's Deg	gree	□PhD	
9. Did your age	ncy have the orig	ginal participant's conclusions re	viewed by another examiner(s)?
□Yes	□No		
10. Is your ager	ncy a member of	the European Network of Foren	sic Science Institutes (ENFSI)?
□Yes	□No		





Consent to Release Results to Accrediting Bodies

Latent Print Comparison Proficiency Test #XXXXXX

If your agency is accredited and would like for Ron Smith and Associates, Inc. to submit proficiency test data to your designated accrediting body, complete the form below. Results will not be submitted to an accrediting body unless the completed form is returned to RS&A by the results submission deadline of MM/DD/YYYY.

For this requirement, please submit the following information through the RS&A Web Portal. If for any reason you are unable to utilize the portal, please contact a member of our Testing Division at 1-866-832-6772 for alternate submission instructions.

By completing and submitting the applicable information below, you hereby authorize Ron Smith and Associates, Inc. to release the results of the above test to the appropriate accrediting body.

ANAB ASCLD/LAB A2LA	OTHER (Define)
Certificate Number:	
Laboratory Name:	
Location (City/State):	
Printed Name:	Title:
Signature:	Date:





Example Results Form

Latent Print Number	Conclusion Enter "Identification", "Exclusion", or "Inconclusive"	Subject Number	Specific Finger or Palm
L-1	Identification	K-1	Right Ring
L-2	Identification	K-2	Left Palm
L-3	Exclusion		
L-4	Inconclusive		



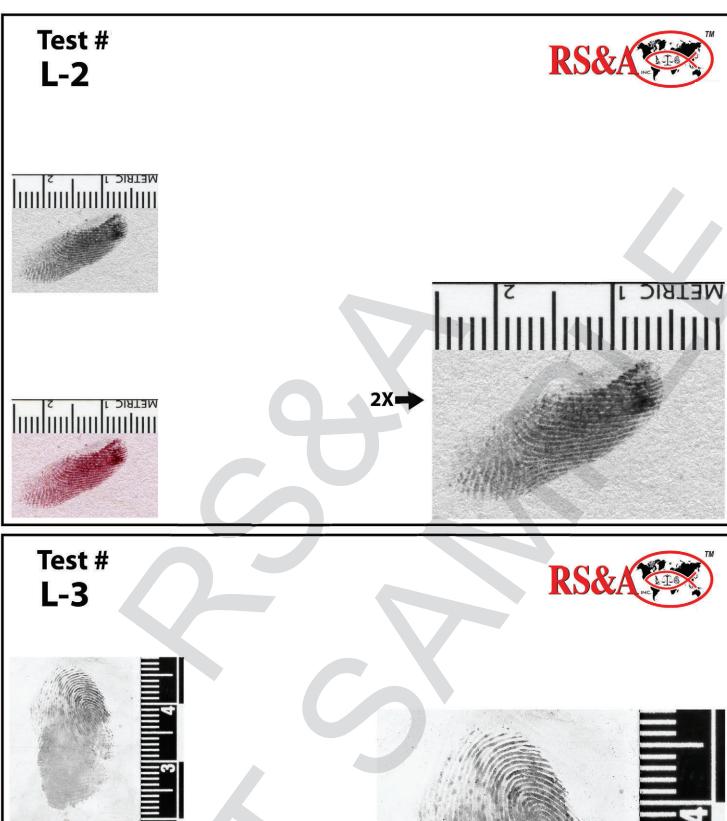


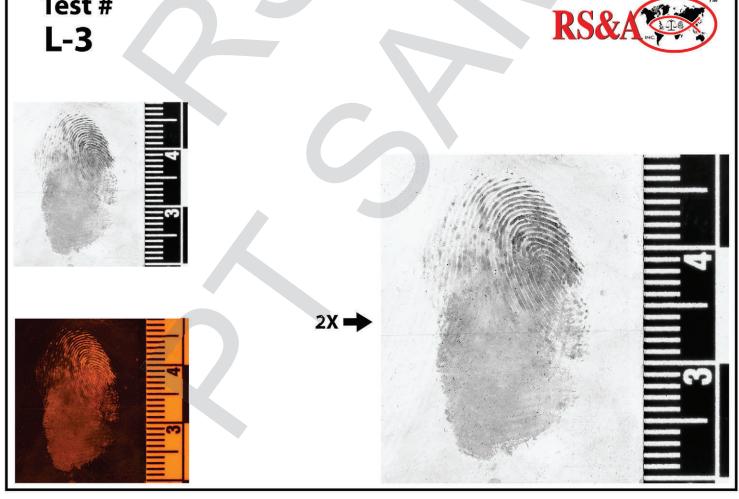
<u>Latent Print Comparison Proficiency Test #XXXXX</u> <u>Results Entry Form</u>

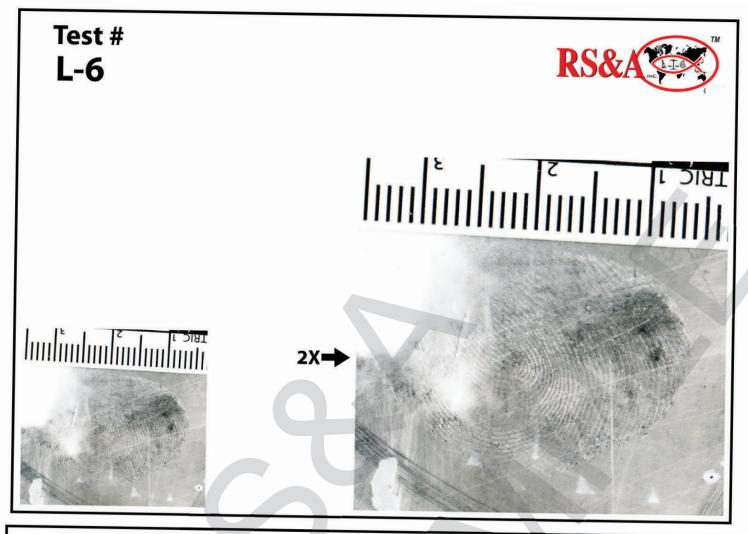
Latent Print Number	Conclusion Enter "Identification", "Exclusion", or "Inconclusive"	Subject Number	Specific Finger or Palm
L-1			
L-2			
L-3			
L-4			
L-5			
L-6			
L-7			
L-8			
L-9			
L-10			

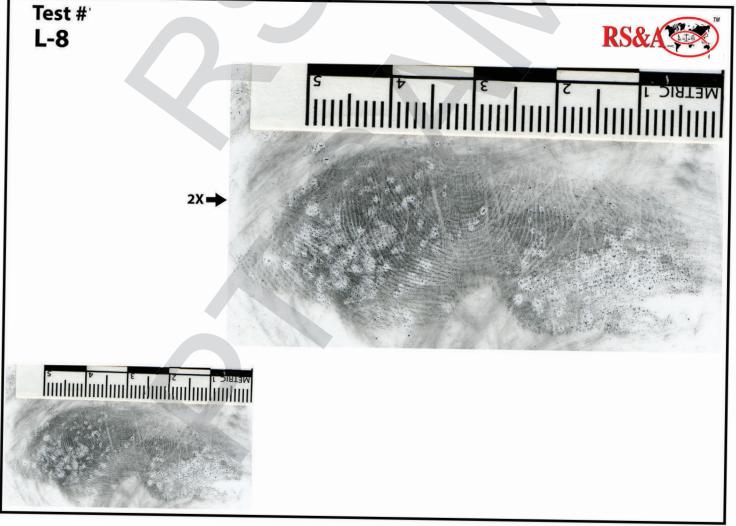
Comments:	









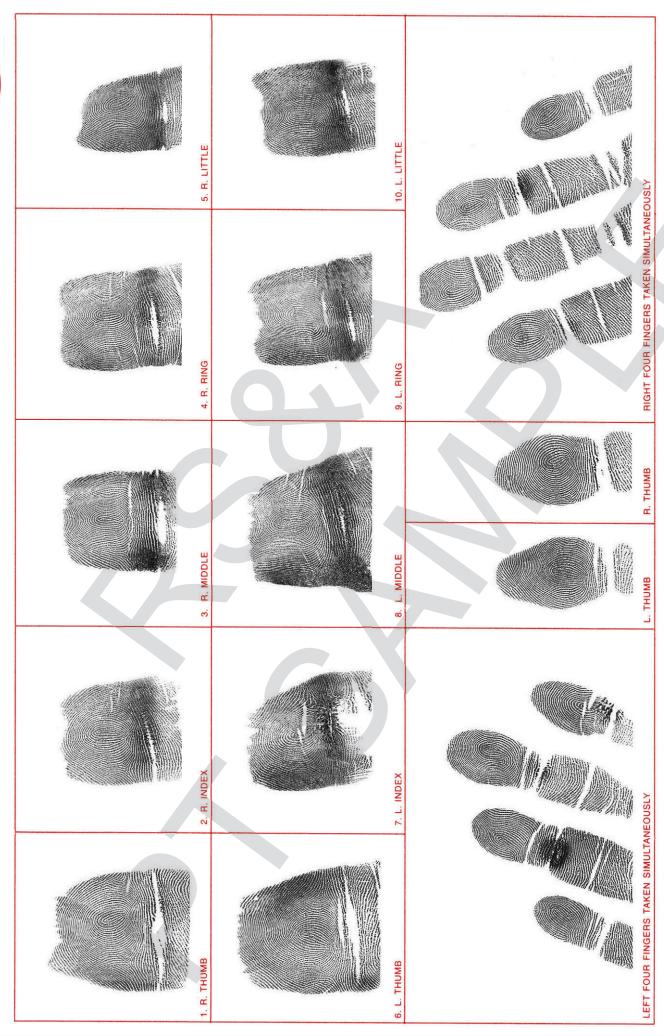


RS&A K-1 Test #

Left Palm









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Test Manufacturer's Information

Latent Print Comparison Proficiency Test

This test consisted of ten latent prints and four sets of known fingerprints and palm prints. The assigned values are as follows:

Latent Print Number	Conclusion	Subject Number	Specific Finger or Palm		
L-1	Exclusion				
L-2	Identification	K-2	Left Index		
L-3	Identification	K-2	Right Middle		
L-4	Identification	K-4	Right Middle		
L-5	Identification	K-1	Left Middle		
L-6	Identification	K-4	Left Thumb		
L-7	Identification	K-1	Right Palm		
L-8	Identification	K-3	Right Palm		
L-9	Identification	K-2	Left Palm		
L-10	Identification	K-2	Right Palm		

The test was provided in hard copy photograph and/or digital image formats. The assigned values were determined through the ground truth information and verified through unanimous agreement during pre-distribution testing.

Individual reports will be provided to participants in late MM/DD/YYYY. The summary report for this test will be posted on the Ron Smith and Associates website at http://www.ronsmithandassociates.com/proficiency/latentprint.html by early MM/YYYY.

For questions or further information, contact our Latent Print Proficiency Test Coordinator at testing@ronsmithandassociates.com or call toll free at 1-866-832-6772.

Authorized by:

Ron Smith President

Issue Date: MM/DD/YYYY





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Individual Participant Report - Test Code: 000000000

Latent Print Comparison Proficiency Test #XXXXXX

This proficiency test consisted of ten latent prints and four sets of known fingerprints and palm prints. It was provided in either a hard copy and/or digital copy format. Listed below are the responses submitted from the participant assigned to this test code as well as the assigned values for each of the latent prints. The assigned values were generated from our ground truth information and pre-distribution testing.

Latent Print Number	Participant's Response	Assigned Value
L-1	Exclusion	Exclusion
L-2	K-2	K-2
L-3	Left_Index K-2	Left Index K-2
	Right_Middle	Right Middle
L-4	K-4 Right_Middle	K-4 Right Middle
L-5	K-1 Left Middle	K-1 Left Middle
L-6	K-4	K-4 Left Thumb
L-7	Left_Thumb K-1 Right Polm	K-1
L-8	Right_Palm K-3	Right Palm K-3
L-9	Right_Palm K-2	Right Palm K-2
- 5	Left_Palm K-2	Left Palm K-2
L-10	Right_Palm	Right Palm



Prior to the distribution of this test, all the expected responses were determined to be either "Identification" or "Exclusion"; however, we are aware that some agencies allow for a conclusion of "Inconclusive" in their casework. In designing this proficiency test there was no intention to force a participant to render a conclusion which goes beyond their considered opinion. To satisfy this option, participants were allowed to enter "Inconclusive" as a response. Due to the fact that a participant's "Inconclusive" response does not meet the assigned values, it will appear as an inconsistent response in the individual report and be incorporated as such in the summary report statistics. It will be up to the agency to decide if the participant's "Inconclusive" response qualifies as being acceptable under the agency's policies and procedures.

Additional information about this test and the statistics obtained from all individuals that participated in this proficiency testing cycle will be provided in the final summary report and will be available on our website early MM/YYYYY.

If your responses are in disagreement with the assigned values, RS&A provides its participants with a process to file an appeal. To initiate an appeal, please submit the required information in writing using the form located at http://www.ronsmithandassociates.com/proficiency/appealsform.html.

RS&A maintains the confidentiality of all clients. All results are published using randomly generated test codes and passwords. We will not release the identity of any participant without the written consent of the participant.

For questions or further information, contact our Latent Print Proficiency Test Coordinator at testing@ronsmithandassociates.com or call toll free at 1-866-832-6772.

Authorized by: Ron Smith, President

Ron Smith and Associates, Inc.

Date of Issue: MM/DD/YYYY





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Summary Report

Latent Comparison Print Proficiency Test #XXXXX Issued: MM/DD/YYYY

On MM/DD/YYYY, Ron Smith and Associates, Inc. (RS&A) shipped the Fall YYYY Latent Print Comparison Proficiency Test #XXXXX. Participants were required to submit their responses no later than MM/DD/YYYY in order for them to be included in this summary report.

A total of XX tests were ordered and shipped, with XX participants returning their responses. The test was provided in both digital and/or hard copy format and included ten latent prints and four sets of known fingerprints and palm prints.

The results presented in this report reflect whether or not the participants' submitted results are consistent or inconsistent with the assigned values garnered from pre-distribution testing and outlined in *The Manufacturer's Report* (Appendix 1). The primary purpose of a Summary Report is to provide an overall documentation of all the submitted responses. It is RS&A's intention to go a step further by providing more meaningful statistical results through analyzing the submitted responses in relation to the demographics obtained from each of the examiners participating in this proficiency test. All results and statistics for Test #XXXXX will be outlined through graphs and charts found in the remainder of this report.

Prior to distribution of this test, all of the expected responses were determined to be either "Identification" or "Exclusion"; however, we are aware that some agencies allow for a conclusion of "Inconclusive" in their casework. In designing this Proficiency Test, there was no intention to force a participant to render a conclusion which goes beyond their considered opinion. To satisfy this option, participants were allowed to enter "Inconclusive" as a response. Due to the fact that a participant's "Inconclusive" response does not meet the assigned values, it will appear as an inconsistent response in the summary report and be incorporated as such in the statistical analysis. It will be up to each agency to decide if the participant's "Inconclusive" response qualifies as being acceptable under their policies and procedures.

RS&A strives to maintain the confidentiality of all of its clients and participants. All results are obtained and published using randomly generated test codes. RS&A will not release the identity of any participant without the written consent of the participant and/or the agency involved.

For any additional information, please contact the Latent Print Proficiency Test Coordinator at testing@ronsmithandassociates.com or call toll free at 1-866-832-6772.



Test Manufacturer's Information

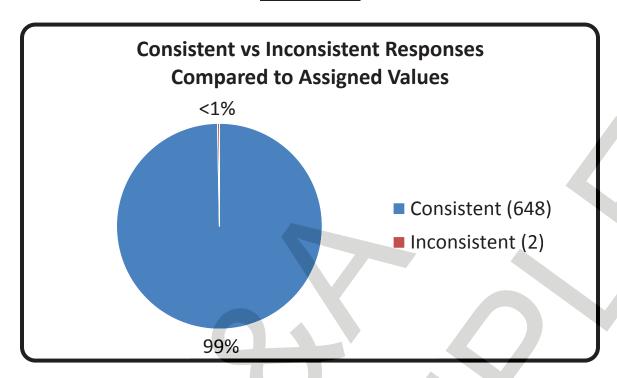
Latent Print Comparison Proficiency Test #XXXXX

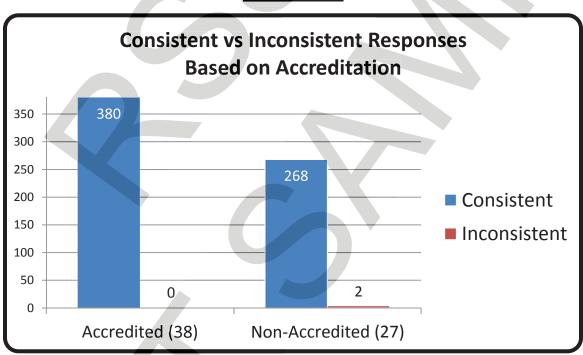
The assigned values are:

Latent Print Number	Conclusion	Subject Number	Specific Finger or Palm
L-1	Exclusion		
L-2	Identification	K-2	Left Index
L-3	Identification	K-2	Right Middle
L-4	Identification	K-4	Right Middle
L-5	Identification	K-1	Left Middle
L-6	Identification	K-4	Left Thumb
L-7	Identification	K-1	Right Palm
L-8	Identification	K-3	Right Palm
L-9	Identification	K-2	Left Palm
L-10	Identification	K-2	Right Palm

The test consisted of ten latent prints and four sets of known finger and palm prints in hard copy photograph and/or digital image formats. The assigned values were determined through the ground truth information and verified through unanimous agreement during pre-distribution testing.

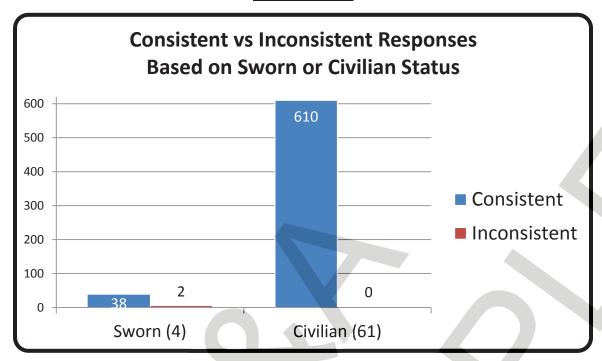


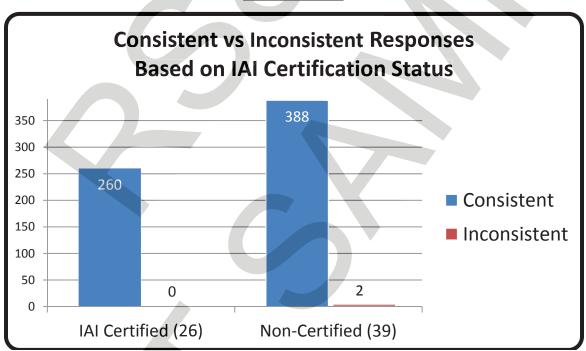




^{*}For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

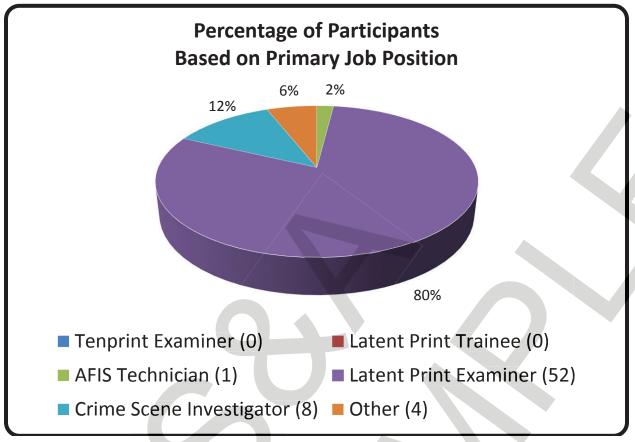


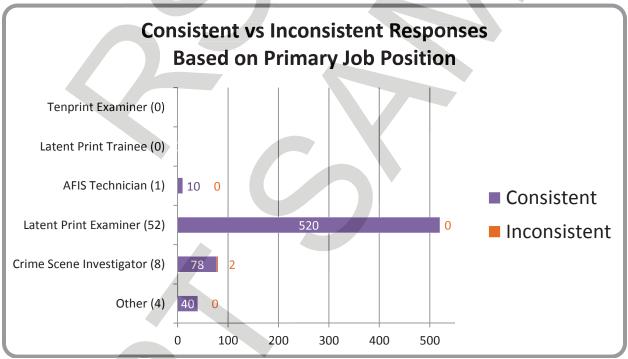






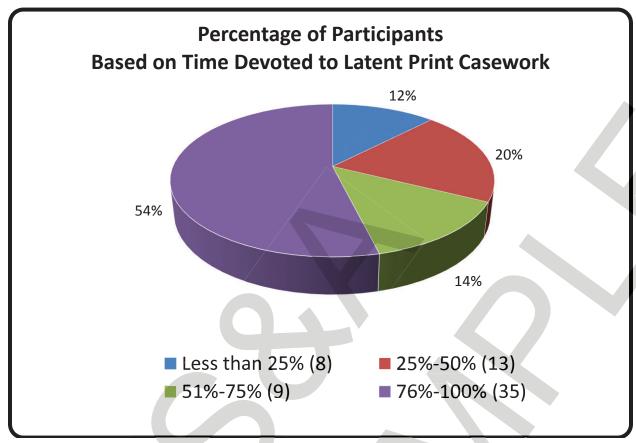
^{*}For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

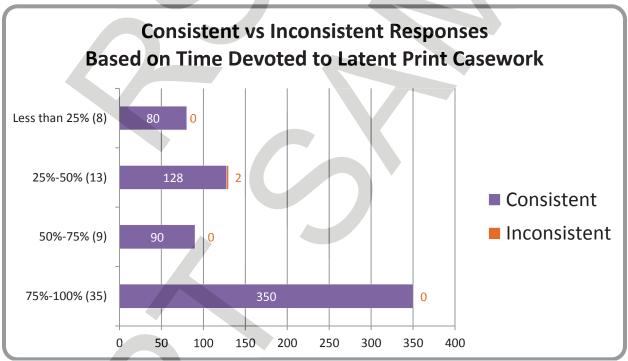




^{*}For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

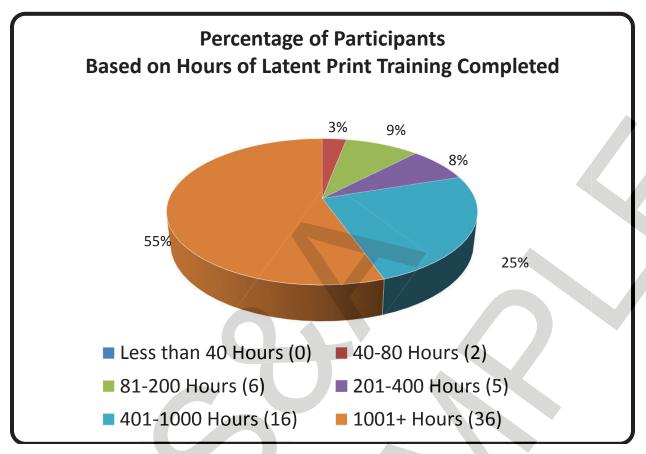


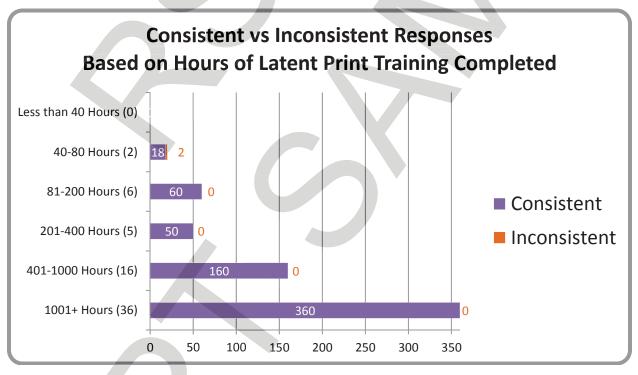




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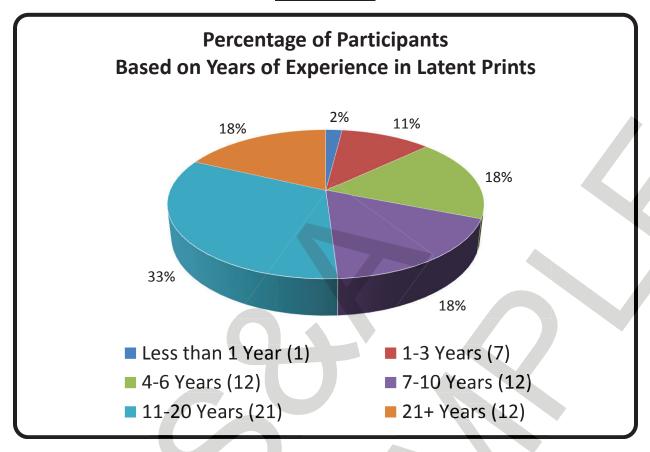


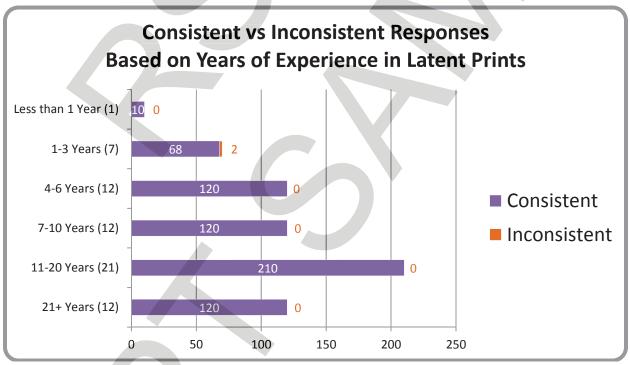




^{*}For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

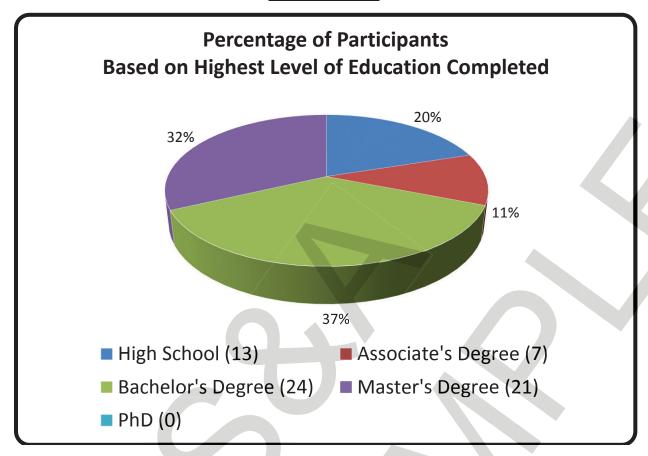


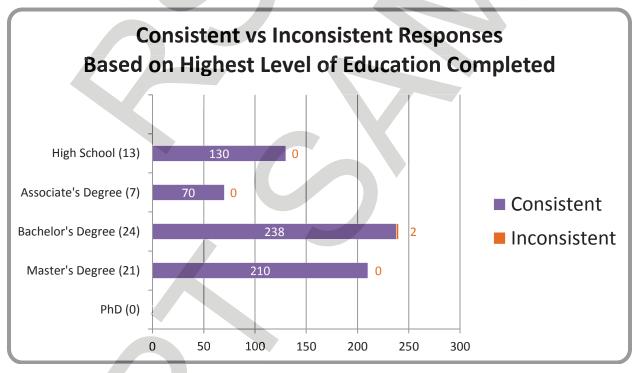




^{*}For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

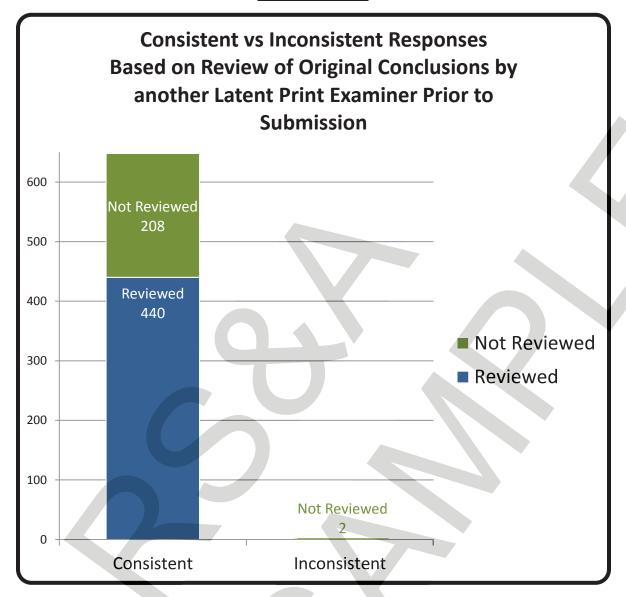






^{*}For further information, please read *Manufacturer's Additional Observations* on the final page of this report.





^{*}For further information, please read *Manufacturer's Additional Observations* on the final page of this report.



Appendix 12
Participant Responses Listed by Test Code

	Latent Print #	L-1	L-2	L-3	L-4	L-5	L-6	L-7	L-8	L-9	L-10
			ID								
	Assigned Values	EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
			LI	RM	RM	LM	LT	RP	RP	LP	RP
	XXXXXXXX		ID								
		EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
			LI	RM	RM	LM	LT	RP	RP	LP	RP
	xxxxxxxxx		ID								
		EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
			LI	RM	RM	LM	LT	RP	RP	LP	RP
	XXXXXXXX		ID								
		EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
			LI	RM	RM	LM	LT	RP	RP	LP	RP
	XXXXXXXX	FVC	ID								
		EXC	K-2 LI	K-2 RM	K-4 RM	K-1 LM	K-4 LT	K-1 RP	K-3 RP	K-2 LP	K-2 RP
			ID								
	XXXXXXXX	EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
		EXC	LI LI	RM	RM	LM	LT	RP	RP	LP	RP
			ID								
	XXXXXXXX	EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
		LAC	LI	RM	RM	LM	LT	RP	RP	LP	RP
	20000000		ID								
9 O	XXXXXXXX	EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
Ö			LI	RM	RM	LM	LT	RP	RP	LP	RP
Test Code	XXXXXXXXX		ID	ID	ID	ID	1D	ID	ID	ID	ID
Ĕ	*******	EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
•			LI	RM	RM	LM	LT	RP	RP	LP	RP
	XXXXXXXXX		ID								
	77777777	EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
			LI	RM	RM	LM	LT	RP	RP	LP	RP
	xxxxxxxx		ID								
		EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
			LI	RM	RM	LM	LT	RP	RP	LP	RP
	XXXXXXXX	51/2	ID								
		EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
			LI	RM	RM	LM	LT	RP	RP	LP	RP
	XXXXXXXX	EXC	ID K-2	ID K-2	ID K-4	ID K-1	ID K-4	ID K-1	ID K-3	ID K-2	ID K-2
		EXC	LI LI	RM	RM	FW K-T	LT	RP	RP	LP	R-Z RP
			ID								
	XXXXXXXX	EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
			LI	RM	RM	LM	LT	RP	RP	LP	RP
	VA. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.		ID								
	XXXXXXXX	EXC	K-2	K-2	K-4	K-1	K-4	K-1	K-3	K-2	K-2
			LI	RM	RM	LM	LT	RP	RP	LP	RP
			LI	IZIVI	IZIVI	LIVI	LI	INF	INF	LF	INF



Totals

Latent Print #	L-1	L-2	L-3	L-4	L-5	L-6	L-7	L-8	L-9	L-10
Assigned Values	EXC	ID K-2 LI	ID K-2 RM	ID K-4 RM	ID K-1 LM	ID K-4 LT	ID K-1 RP	ID K-3 RP	ID K-2 LP	ID K-2 RP
Consistent Responses	00	00	00	00	00	00	00	00	00	00
Inconsistent Responses	0	0	0	0	0	0	0	0	0	0
Percentage of Consistent Reponses	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Participant's Additional Comments

Test ID	Comments
1380Z17102	Very good test. Please consider doing finger numbers in your answer portal (i.e. finger 1 for right thumb). This will make data entry less prone to error and clerical mistakes.
1851D17102	Much quicker to take the test with only one exclusion conclusion. The latents presented were excellent quality with the conclusions being well supported. Only challenge was orientating palm sections, which had multiple clues present to assist. Great to see different developing processes being utilized for the latents. Good test overall.
2340P17102	Thank you for making the photos like lift cards. This makes the examination a lot easier!
2955Q17102	Test was fair. Image quality was good.
8272C17102	



Manufacturer's Additional Observations

Based upon a review of the submitted responses, the following observations were noted:

- 1. Regardless of experience, training, certification, accreditation or employment status, no erroneous identifications were submitted.
- 2. Only 2 erroneous exclusions were submitted and these were both submitted by non-certified sworn latent print examiner(s) who had received less than 80 hours of formal training and who work in a non-accredited laboratory.

Authorized by:

President

Ron Smith and Associates, Inc.

Date of Issue: MM/DD/YYYY

