



Tenprint Examination

Test No. 25-5141 Summary Report

Each participant received a digital sample set containing twelve single-print card pairs, eight questioned tenprint cards, and eight tenprint card standards, which they were asked to compare and determine if a common source was shared within the single-print pairs and between any questioned tenprint cards and the pool of standards. Data were returned from 68 participants and are compiled into the following tables:

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This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

Manufacturer's Information

Each digital sample pack included single-print and tenprint cards for comparison. In the first section (Items Q1-Q12), participants compared a series of single-print pairs to determine if both prints originated from a single source. In the second section (Items Q13-Q20), participants compared questioned tenprint cards to a pool of standard prints (Items A-H) to determine if any shared a common source.

SAMPLE PREPARATION

Using several anonymized databases containing a limited number of fingerprints, both visual comparison and AFIX comparison software were used to select the single-print and tenprint cards.

SINGLE-PRINT PAIRS: To create single-print pairs from different sources, prints with similar first and second-level details were chosen, paired together, and designated as either a questioned or standard item in the pair. For single-print pairs from the same source, uniquely collected prints from the same finger of an individual were paired together.

TENPRINT CARDS: To create tenprint cards without a standard source, cards with similar first and second-level details were chosen and designated as either a questioned item or a comparison standard. For tenprint cards originating from the same source, each card was designated as either a questioned or comparison standard item.

All prints were digitally resized to scale.

VERIFICATION: All predistribution results were consistent with the manufacturer's preparation information.

SAMPLE PACK ASSEMBLY: Once verification was completed, the digital downloadable material was zipped and uploaded to the CTS Portal.

Single-Print Pairs	Same Source?	Tenprint Card	Standard Source?
Q1	No	Q13	None
Q2	Yes	Q14	None
Q3	No	Q15	None
Q4	No	Q16	C
Q5	Yes	Q17	None
Q6	No	Q18	H
Q7	No	Q19	None
Q8	No	Q20	None
Q9	No		
Q10	No		
Q11	No		
Q12	No		

Summary Comments

This test was designed to allow participants to assess their proficiency in tenprint comparison and analysis. Participants were supplied with a digital sample set containing twelve single-print card pairs, eight questioned tenprint cards, and eight tenprint card standards. Within the single-print pair section, questioned prints Q2 and Q5 shared a common source with its standard print pair. For the tenprint card comparison section, the following common sources were shared between a questioned tenprint card and a standard tenprint card: Q16 with standard C, and Q18 with standard H. Refer to the Manufacturer's Information for preparation details.

All 68 responding participants reported results consistent with the manufacturer's preparation information for the twelve single-print pairs and the eight questioned tenprint cards. Although, one participant neglected to select a response to whether they noted a common source shared amongst the tenprint cards for Q18, they did report standard H.

Several participants commented on the fact that standard E and F were from the same individual.

Single-Print Comparisons

Does each pair of the following collected single-print cards originate from the same source?

TABLE 1 - Item Q1

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DFWHYE	No	Q3THT4	No
3G9HQQ	No	DW84MA	No	Q8JPDX	No
3MW3WR	No	EN9Y7E	No	Q9E9EY	No
3VNFWR	No	F74QRC	No	QAPDQ3	No
3YNRRR	No	FEUG47	No	QV8MRZ	No
42BMUQ	No	FUPUL9	No	RXBFLY	No
4HWB4L	No	GCN9KE	No	T7YQ9Y	No
4JRU6M	No	HAFF67	No	TNHPDW	No
4K6NKM	No	HDER27	No	TZB63X	No
6986JM	No	HVYHZ6	No	UL7DQR	No
6ALAHK	No	J4K4J9	No	V48BWU	No
6FMLEG	No	J6FLKA	No	VKUUPV	No
6UQWYH	No	JG99Q6	No	VPLYJY	No
7NFDYG	No	K84HM9	No	W2CA7W	No
7ZRKZM	No	KMTMU3	No	WBZ4HT	No
9HJ9JG	No	LBGPFZ	No	WBZ78X	No
9Z4YHG	No	LTWXF2	No	WUDMEW	No
ALFG3H	No	LUVWYA	No	XY79LP	No
ATE26D	No	M6NXQ4	No	YJTXTW	No
B3XJEC	No	MEYYC6	No	YJUV4R	No
BNNQVF	No	N4ATT7	No	ZPCK3R	No
CJKCMF	No	PC2RK4	No	ZWQQEP	No
CUJBAF	No	PDD8E4	No		

Response Summary - Q1**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

TABLE 1 - Item Q2

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	Yes	DW84MA	Yes	Q9E9EY	Yes
3G9HQQ	Yes	EN9Y7E	Yes	QAPDQ3	Yes
3MW3WR	Yes	F74QRC	Yes	QV8MRZ	Yes
3VNFWR	Yes	FEUG47	Yes	RXBFLY	Yes
3YNRRR	Yes	FUPUL9	Yes	T7YQ9Y	Yes
42BMUQ	Yes	GCN9KE	Yes	TNHPDW	Yes
4HWB4L	Yes	HAFF67	Yes	TZB63X	Yes
4JRU6M	Yes	HDER27	Yes	UL7DQR	Yes
4K6NKM	Yes	HVYHZ6	Yes	V48BWU	Yes
6986JM	Yes	J4K4J9	Yes	VKUUPV	Yes
6ALAHK	Yes	J6FLKA	Yes	VPLYJY	Yes
6FMLEG	Yes	JG99Q6	Yes	W2CA7W	Yes
6UQWYH	Yes	K84HM9	Yes	WBZ4HT	Yes
7NFDYG	Yes	KMTMU3	Yes	WBZ78X	Yes
7ZRKZM	Yes	LBGPFZ	Yes	WUDMEW	Yes
9HJ9JG	Yes	LTWXF2	Yes	XY79LP	Yes
9Z4YHG	Yes	LUVWYA	Yes	YJTXTW	Yes
ALFG3H	Yes	M6NXQ4	Yes	YJUV4R	Yes
ATE26D	Yes	MEYYC6	Yes	ZPCK3R	Yes
B3XJEC	Yes	N4ATT7	Yes	ZWQQEP	Yes
BNNQVF	Yes	PC2RK4	Yes		
CJKCMF	Yes	PDD8E4	Yes		
CUJBAF	Yes	Q3THT4	Yes		
DFWHYE	Yes	Q8JPDX	Yes		

Response Summary - Q2**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	68
No	0
Unable To Determine	0

TABLE 1 - Item Q3

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DW84MA	No	Q9E9EY	No
3G9HQQ	No	EN9Y7E	No	QAPDQ3	No
3MW3WR	No	F74QRC	No	QV8MRZ	No
3VNFWR	No	FEUG47	No	RXBFLY	No
3YNRRR	No	FUPUL9	No	T7YQ9Y	No
42BMUQ	No	GCN9KE	No	TNHPDW	No
4HWB4L	No	HAFF67	No	TZB63X	No
4JRU6M	No	HDER27	No	UL7DQR	No
4K6NKM	No	HVYHZ6	No	V48BWU	No
6986JM	No	J4K4J9	No	VKUUPV	No
6ALAHK	No	J6FLKA	No	VPLYJY	No
6FMLEG	No	JG99Q6	No	W2CA7W	No
6UQWYH	No	K84HM9	No	WBZ4HT	No
7NFDYG	No	KMTMU3	No	WBZ78X	No
7ZRKZM	No	LBGPFZ	No	WUDMEW	No
9HJ9JG	No	LTWXF2	No	XY79LP	No
9Z4YHG	No	LUVWYA	No	YJTXTW	No
ALFG3H	No	M6NXQ4	No	YJUV4R	No
ATE26D	No	MEYYC6	No	ZPCK3R	No
B3XJEC	No	N4ATT7	No	ZWQQEP	No
BNNQVF	No	PC2RK4	No		
CJKCMF	No	PDD8E4	No		
CUJBAF	No	Q3THT4	No		
DFWHYE	No	Q8JPDX	No		

Response Summary - Q3**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

TABLE 1 - Item Q4

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DW84MA	No	Q9E9EY	No
3G9HQQ	No	EN9Y7E	No	QAPDQ3	No
3MW3WR	No	F74QRC	No	QV8MRZ	No
3VNFWR	No	FEUG47	No	RXBFLY	No
3YNRRR	No	FUPUL9	No	T7YQ9Y	No
42BMUQ	No	GCN9KE	No	TNHPDW	No
4HWB4L	No	HAFF67	No	TZB63X	No
4JRU6M	No	HDER27	No	UL7DQR	No
4K6NKM	No	HVYHZ6	No	V48BWU	No
6986JM	No	J4K4J9	No	VKUUPV	No
6ALAHK	No	J6FLKA	No	VPLYJY	No
6FMLEG	No	JG99Q6	No	W2CA7W	No
6UQWYH	No	K84HM9	No	WBZ4HT	No
7NFDYG	No	KMTMU3	No	WBZ78X	No
7ZRKZM	No	LBGPFZ	No	WUDMEW	No
9HJ9JG	No	LTWXF2	No	XY79LP	No
9Z4YHG	No	LUVWYA	No	YJTXTW	No
ALFG3H	No	M6NXQ4	No	YJUV4R	No
ATE26D	No	MEYYC6	No	ZPCK3R	No
B3XJEC	No	N4ATT7	No	ZWQQEP	No
BNNQVF	No	PC2RK4	No		
CJKCMF	No	PDD8E4	No		
CUJBAF	No	Q3THT4	No		
DFWHYE	No	Q8JPDX	No		

Response Summary - Q4**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

TABLE 1 - Item Q5

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	Yes	DW84MA	Yes	Q9E9EY	Yes
3G9HQQ	Yes	EN9Y7E	Yes	QAPDQ3	Yes
3MW3WR	Yes	F74QRC	Yes	QV8MRZ	Yes
3VNFWR	Yes	FEUG47	Yes	RXBFLY	Yes
3YNRRR	Yes	FUPUL9	Yes	T7YQ9Y	Yes
42BMUQ	Yes	GCN9KE	Yes	TNHPDW	Yes
4HWB4L	Yes	HAFF67	Yes	TZB63X	Yes
4JRU6M	Yes	HDER27	Yes	UL7DQR	Yes
4K6NKM	Yes	HVYHZ6	Yes	V48BWU	Yes
6986JM	Yes	J4K4J9	Yes	VKUUPV	Yes
6ALAHK	Yes	J6FLKA	Yes	VPLYJY	Yes
6FMLEG	Yes	JG99Q6	Yes	W2CA7W	Yes
6UQWYH	Yes	K84HM9	Yes	WBZ4HT	Yes
7NFDYG	Yes	KMTMU3	Yes	WBZ78X	Yes
7ZRKZM	Yes	LBGPFZ	Yes	WUDMEW	Yes
9HJ9JG	Yes	LTWXF2	Yes	XY79LP	Yes
9Z4YHG	Yes	LUVWYA	Yes	YJTXTW	Yes
ALFG3H	Yes	M6NXQ4	Yes	YJUV4R	Yes
ATE26D	Yes	MEYYC6	Yes	ZPCK3R	Yes
B3XJEC	Yes	N4ATT7	Yes	ZWQQEP	Yes
BNNQVF	Yes	PC2RK4	Yes		
CJKCMF	Yes	PDD8E4	Yes		
CUJBAF	Yes	Q3THT4	Yes		
DFWHYE	Yes	Q8JPDX	Yes		

Response Summary - Q5**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	68
No	0
Unable To Determine	0

TABLE 1 - Item Q6

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DW84MA	No	Q9E9EY	No
3G9HQQ	No	EN9Y7E	No	QAPDQ3	No
3MW3WR	No	F74QRC	No	QV8MRZ	No
3VNFWR	No	FEUG47	No	RXBFLY	No
3YNRRR	No	FUPUL9	No	T7YQ9Y	No
42BMUQ	No	GCN9KE	No	TNHPDW	No
4HWB4L	No	HAFF67	No	TZB63X	No
4JRU6M	No	HDER27	No	UL7DQR	No
4K6NKM	No	HVYHZ6	No	V48BWU	No
6986JM	No	J4K4J9	No	VKUUPV	No
6ALAHK	No	J6FLKA	No	VPLYJY	No
6FMLEG	No	JG99Q6	No	W2CA7W	No
6UQWYH	No	K84HM9	No	WBZ4HT	No
7NFDYG	No	KMTMU3	No	WBZ78X	No
7ZRKZM	No	LBGPFZ	No	WUDMEW	No
9HJ9JG	No	LTWXF2	No	XY79LP	No
9Z4YHG	No	LUVWYA	No	YJTXTW	No
ALFG3H	No	M6NXQ4	No	YJUV4R	No
ATE26D	No	MEYYC6	No	ZPCK3R	No
B3XJEC	No	N4ATT7	No	ZWQQEP	No
BNNQVF	No	PC2RK4	No		
CJKCMF	No	PDD8E4	No		
CUJBAF	No	Q3THT4	No		
DFWHYE	No	Q8JPDX	No		

Response Summary - Q6**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

TABLE 1 - Item Q7

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DW84MA	No	Q9E9EY	No
3G9HQQ	No	EN9Y7E	No	QAPDQ3	No
3MW3WR	No	F74QRC	No	QV8MRZ	No
3VNFWR	No	FEUG47	No	RXBFLY	No
3YNRRR	No	FUPUL9	No	T7YQ9Y	No
42BMUQ	No	GCN9KE	No	TNHPDW	No
4HWB4L	No	HAFF67	No	TZB63X	No
4JRU6M	No	HDER27	No	UL7DQR	No
4K6NKM	No	HVYHZ6	No	V48BWU	No
6986JM	No	J4K4J9	No	VKUUPV	No
6ALAHK	No	J6FLKA	No	VPLYJY	No
6FMLEG	No	JG99Q6	No	W2CA7W	No
6UQWYH	No	K84HM9	No	WBZ4HT	No
7NFDYG	No	KMTMU3	No	WBZ78X	No
7ZRKZM	No	LBGPFZ	No	WUDMEW	No
9HJ9JG	No	LTWXF2	No	XY79LP	No
9Z4YHG	No	LUVWYA	No	YJTXTW	No
ALFG3H	No	M6NXQ4	No	YJUV4R	No
ATE26D	No	MEYYC6	No	ZPCK3R	No
B3XJEC	No	N4ATT7	No	ZWQQEP	No
BNNQVF	No	PC2RK4	No		
CJKCMF	No	PDD8E4	No		
CUJBAF	No	Q3THT4	No		
DFWHYE	No	Q8JPDX	No		

Response Summary - Q7**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

TABLE 1 - Item Q8

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DW84MA	No	Q9E9EY	No
3G9HQQ	No	EN9Y7E	No	QAPDQ3	No
3MW3WR	No	F74QRC	No	QV8MRZ	No
3VNFWR	No	FEUG47	No	RXBFLY	No
3YNRRR	No	FUPUL9	No	T7YQ9Y	No
42BMUQ	No	GCN9KE	No	TNHPDW	No
4HWB4L	No	HAFF67	No	TZB63X	No
4JRU6M	No	HDER27	No	UL7DQR	No
4K6NKM	No	HVYHZ6	No	V48BWU	No
6986JM	No	J4K4J9	No	VKUUPV	No
6ALAHK	No	J6FLKA	No	VPLYJY	No
6FMLEG	No	JG99Q6	No	W2CA7W	No
6UQWYH	No	K84HM9	No	WBZ4HT	No
7NFDYG	No	KMTMU3	No	WBZ78X	No
7ZRKZM	No	LBGPFZ	No	WUDMEW	No
9HJ9JG	No	LTWXF2	No	XY79LP	No
9Z4YHG	No	LUVWYA	No	YJTXTW	No
ALFG3H	No	M6NXQ4	No	YJUV4R	No
ATE26D	No	MEYYC6	No	ZPCK3R	No
B3XJEC	No	N4ATT7	No	ZWQQEP	No
BNNQVF	No	PC2RK4	No		
CJKCMF	No	PDD8E4	No		
CUJBAF	No	Q3THT4	No		
DFWHYE	No	Q8JPDX	No		

Response Summary - Q8**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

TABLE 1 - Item Q9

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DW84MA	No	Q9E9EY	No
3G9HQQ	No	EN9Y7E	No	QAPDQ3	No
3MW3WR	No	F74QRC	No	QV8MRZ	No
3VNFWR	No	FEUG47	No	RXBFLY	No
3YNRRR	No	FUPUL9	No	T7YQ9Y	No
42BMUQ	No	GCN9KE	No	TNHPDW	No
4HWB4L	No	HAFF67	No	TZB63X	No
4JRU6M	No	HDER27	No	UL7DQR	No
4K6NKM	No	HVYHZ6	No	V48BWU	No
6986JM	No	J4K4J9	No	VKUUPV	No
6ALAHK	No	J6FLKA	No	VPLYJY	No
6FMLEG	No	JG99Q6	No	W2CA7W	No
6UQWYH	No	K84HM9	No	WBZ4HT	No
7NFDYG	No	KMTMU3	No	WBZ78X	No
7ZRKZM	No	LBGPFZ	No	WUDMEW	No
9HJ9JG	No	LTWXF2	No	XY79LP	No
9Z4YHG	No	LUVWYA	No	YJTXTW	No
ALFG3H	No	M6NXQ4	No	YJUV4R	No
ATE26D	No	MEYYC6	No	ZPCK3R	No
B3XJEC	No	N4ATT7	No	ZWQQEP	No
BNNQVF	No	PC2RK4	No		
CJKCMF	No	PDD8E4	No		
CUJBAF	No	Q3THT4	No		
DFWHYE	No	Q8JPDX	No		

Response Summary - Q9**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

TABLE 1 - Item Q10

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DW84MA	No	Q9E9EY	No
3G9HQQ	No	EN9Y7E	No	QAPDQ3	No
3MW3WR	No	F74QRC	No	QV8MRZ	No
3VNFWR	No	FEUG47	No	RXBFLY	No
3YNRRR	No	FUPUL9	No	T7YQ9Y	No
42BMUQ	No	GCN9KE	No	TNHPDW	No
4HWB4L	No	HAFF67	No	TZB63X	No
4JRU6M	No	HDER27	No	UL7DQR	No
4K6NKM	No	HVYHZ6	No	V48BWU	No
6986JM	No	J4K4J9	No	VKUUPV	No
6ALAHK	No	J6FLKA	No	VPLYJY	No
6FMLEG	No	JG99Q6	No	W2CA7W	No
6UQWYH	No	K84HM9	No	WBZ4HT	No
7NFDYG	No	KMTMU3	No	WBZ78X	No
7ZRKZM	No	LBGPFZ	No	WUDMEW	No
9HJ9JG	No	LTWXF2	No	XY79LP	No
9Z4YHG	No	LUVWYA	No	YJTXTW	No
ALFG3H	No	M6NXQ4	No	YJUV4R	No
ATE26D	No	MEYYC6	No	ZPCK3R	No
B3XJEC	No	N4ATT7	No	ZWQQEP	No
BNNQVF	No	PC2RK4	No		
CJKCMF	No	PDD8E4	No		
CUJBAF	No	Q3THT4	No		
DFWHYE	No	Q8JPDX	No		

Response Summary - Q10**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

TABLE 1 - Item Q11

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DW84MA	No	Q9E9EY	No
3G9HQQ	No	EN9Y7E	No	QAPDQ3	No
3MW3WR	No	F74QRC	No	QV8MRZ	No
3VNFWR	No	FEUG47	No	RXBFLY	No
3YNRRR	No	FUPUL9	No	T7YQ9Y	No
42BMUQ	No	GCN9KE	No	TNHPDW	No
4HWB4L	No	HAFF67	No	TZB63X	No
4JRU6M	No	HDER27	No	UL7DQR	No
4K6NKM	No	HVYHZ6	No	V48BWU	No
6986JM	No	J4K4J9	No	VKUUPV	No
6ALAHK	No	J6FLKA	No	VPLYJY	No
6FMLEG	No	JG99Q6	No	W2CA7W	No
6UQWYH	No	K84HM9	No	WBZ4HT	No
7NFDYG	No	KMTMU3	No	WBZ78X	No
7ZRKZM	No	LBGPFZ	No	WUDMEW	No
9HJ9JG	No	LTWXF2	No	XY79LP	No
9Z4YHG	No	LUVWYA	No	YJTXTW	No
ALFG3H	No	M6NXQ4	No	YJUV4R	No
ATE26D	No	MEYYC6	No	ZPCK3R	No
B3XJEC	No	N4ATT7	No	ZWQQEP	No
BNNQVF	No	PC2RK4	No		
CJKCMF	No	PDD8E4	No		
CUJBAF	No	Q3THT4	No		
DFWHYE	No	Q8JPDX	No		

Response Summary - Q11**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

TABLE 1 - Item Q12

WebCode	Same Source?	WebCode	Same Source?	WebCode	Same Source?
3B6BCN	No	DW84MA	No	Q9E9EY	No
3G9HQQ	No	EN9Y7E	No	QAPDQ3	No
3MW3WR	No	F74QRC	No	QV8MRZ	No
3VNFWR	No	FEUG47	No	RXBFLY	No
3YNRRR	No	FUPUL9	No	T7YQ9Y	No
42BMUQ	No	GCN9KE	No	TNHPDW	No
4HWB4L	No	HAFF67	No	TZB63X	No
4JRU6M	No	HDER27	No	UL7DQR	No
4K6NKM	No	HVYHZ6	No	V48BWU	No
6986JM	No	J4K4J9	No	VKUUPV	No
6ALAHK	No	J6FLKA	No	VPLYJY	No
6FMLEG	No	JG99Q6	No	W2CA7W	No
6UQWYH	No	K84HM9	No	WBZ4HT	No
7NFDYG	No	KMTMU3	No	WBZ78X	No
7ZRKZM	No	LBGPFZ	No	WUDMEW	No
9HJ9JG	No	LTWXF2	No	XY79LP	No
9Z4YHG	No	LUVWYA	No	YJTXTW	No
ALFG3H	No	M6NXQ4	No	YJUV4R	No
ATE26D	No	MEYYC6	No	ZPCK3R	No
B3XJEC	No	N4ATT7	No	ZWQQEP	No
BNNQVF	No	PC2RK4	No		
CJKCMF	No	PDD8E4	No		
CUJBAF	No	Q3THT4	No		
DFWHYE	No	Q8JPDX	No		

Response Summary - Q12**Total Participants: 68**

Does each pair of the following collected single-print cards originate from the same source?

<u>Same Source?</u>	<u>Total</u>
Yes	0
No	68
Unable To Determine	0

Tenprint Comparisons

Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?

TABLE 2 - Item Q13

WebCode	Common Source?	WebCode	Common Source?
3B6BCN	No	BNNQVF	No
3G9HQQ	No	CJKCMF	No
3MW3WR	No	CUJBAF	No
3VNFWR	No	DFWHYE	No
3YNRRR	No	DW84MA	No
42BMUQ	No	EN9Y7E	No
4HWB4L	No	F74QRC	No
4JRU6M	No	FEUG47	No
4K6NKM	No	FUPUL9	No
6986JM	No	GCN9KE	No
6ALAHK	No	HAFF67	No
6FMLEG	No	HDER27	No
6UQWYH	No	HVYHZ6	No
7NFDYG	No	J4K4J9	No
7ZRKZM	No	J6FLKA	No
9HJ9JG	No	JG99Q6	No
9Z4YHG	No	K84HM9	No
ALFG3H	No	KMTMU3	No
ATE26D	No	LBGPFZ	No
B3XJEC	No	LTWXF2	No

TABLE 2 - Item Q13

WebCode	Common Source?	WebCode	Common Source?
LUVWYA	No	WUDMEW	No
M6NXQ4	No	XY79LP	No
MEYYC6	No	YJTXTW	No
N4ATT7	No	YJUV4R	No
PC2RK4	No	ZPCK3R	No
PDD8E4	No	ZWQQEP	No
Q3THT4	No		
Q8JPDX	No		
Q9E9EY	No		
QAPDQ3	No		
QV8MRZ	No		
RXBFLY	No		
T7YQ9Y	No		
TNHPDW	No		
TZB63X	No		
UL7DQR	No		
V48BWU	No		
VKUUPV	No		
VPLYJY	No		
W2CA7W	No		
WBZ4HT	No		
WBZ78X	No		

Response Summary - Q13**Total Participants: 68**

Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?

<u>Common Source?</u>	<u>Total</u>	<u>Standard</u>
Yes	0	(N/A for non-associations)
No	68	
Unable To Determine	0	

TABLE 2 - Item Q14

WebCode	Common Source?	WebCode	Common Source?
3B6BCN	No	CUJBAF	No
3G9HQQ	No	DFWHYE	No
3MW3WR	No	DW84MA	No
3VNFWR	No	EN9Y7E	No
3YNRRR	No	F74QRC	No
42BMUQ	No	FEUG47	No
4HWB4L	No	FUPUL9	No
4JRU6M	No	GCN9KE	No
4K6NKM	No	HAFF67	No
6986JM	No	HDER27	No
6ALAHK	No	HVYHZ6	No
6FMLEG	No	J4K4J9	No
6UQWYH	No	J6FLKA	No
7NFDYG	No	JG99Q6	No
7ZRKZM	No	K84HM9	No
9HJ9JG	No	KMTMU3	No
9Z4YHG	No	LBGPFZ	No
ALFG3H	No	LTWXF2	No
ATE26D	No	LUVWYA	No
B3XJEC	No	M6NXQ4	No
BNNQVF	No	MEYYC6	No
CJKCMF	No		

TABLE 2 - Item Q14

WebCode	Common Source?	WebCode	Common Source?
N4ATT7	No	YJUV4R	No
PC2RK4	No	ZPCK3R	No
PDD8E4	No	ZWQQEP	No
Q3THT4	No		
Q8JPDX	No		
Q9E9EY	No		
QAPDQ3	No		
QV8MRZ	No		
RXBFLY	No		
T7YQ9Y	No		
TNHPDW	No		
TZB63X	No		
UL7DQR	No		
V48BWU	No		
VKUUPV	No		
VPLYJY	No		
W2CA7W	No		
WBZ4HT	No		
WBZ78X	No		
WUDMEW	No		
XY79LP	No		
YJTXTW	No		

Response Summary - Q14**Total Participants: 68**

Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?

<u>Common Source?</u>	<u>Total</u>	<u>Standard</u>
Yes	0	(N/A for non-associations)
No	68	
Unable To Determine	0	

TABLE 2 - Item Q15

WebCode	Common Source?	WebCode	Common Source?
3B6BCN	No	CUJBAF	No
3G9HQQ	No	DFWHYE	No
3MW3WR	No	DW84MA	No
3VNFWR	No	EN9Y7E	No
3YNRRR	No	F74QRC	No
42BMUQ	No	FEUG47	No
4HWB4L	No	FUPUL9	No
4JRU6M	No	GCN9KE	No
4K6NKM	No	HAFF67	No
6986JM	No	HDER27	No
6ALAHK	No	HVYHZ6	No
6FMLEG	No	J4K4J9	No
6UQWYH	No	J6FLKA	No
7NFDYG	No	JG99Q6	No
7ZRKZM	No	K84HM9	No
9HJ9JG	No	KMTMU3	No
9Z4YHG	No	LBGPFZ	No
ALFG3H	No	LTWXF2	No
ATE26D	No	LUVWYA	No
B3XJEC	No	M6NXQ4	No
BNNQVF	No	MEYYC6	No
CJKCMF	No		

TABLE 2 - Item Q15

WebCode	Common Source?	WebCode	Common Source?
N4ATT7	No	YJUV4R	No
PC2RK4	No	ZPCK3R	No
PDD8E4	No	ZWQQEP	No
Q3THT4	No		
Q8JPDX	No		
Q9E9EY	No		
QAPDQ3	No		
QV8MRZ	No		
RXBFLY	No		
T7YQ9Y	No		
TNHPDW	No		
TZB63X	No		
UL7DQR	No		
V48BWU	No		
VKUUPV	No		
VPLYJY	No		
W2CA7W	No		
WBZ4HT	No		
WBZ78X	No		
WUDMEW	No		
XY79LP	No		
YJTXTW	No		

Response Summary - Q15**Total Participants: 68**

Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?

<u>Common Source?</u>	<u>Total</u>	<u>Standard</u>
Yes	0	(N/A for non-associations)
No	68	
Unable To Determine	0	

TABLE 2 - Item Q16

WebCode	Common Source?	Standard	WebCode	Common Source?	Standard
3B6BCN	Yes	C	CUJBAF	Yes	C
3G9HQQ	Yes	C	DFWHYE	Yes	C
3MW3WR	Yes	C	DW84MA	Yes	C
3VNFWR	Yes	C	EN9Y7E	Yes	C
3YNRRR	Yes	C	F74QRC	Yes	C
42BMUQ	Yes	C	FEUG47	Yes	C
4HWB4L	Yes	C	FUPUL9	Yes	C
4JRU6M	Yes	C	GCN9KE	Yes	C
4K6NKM	Yes	C	HAFF67	Yes	C
6986JM	Yes	C	HDER27	Yes	C
6ALAHK	Yes	C	HVYHZ6	Yes	C
6FMLEG	Yes	C	J4K4J9	Yes	C
6UQWYH	Yes	C	J6FLKA	Yes	C
7NFDYG	Yes	C	JG99Q6	Yes	C
7ZRKZM	Yes	C	K84HM9	Yes	C
9HJ9JG	Yes	C	KMTMU3	Yes	C
9Z4YHG	Yes	C	LBGPFZ	Yes	C
ALFG3H	Yes	C	LTWXF2	Yes	C
ATE26D	Yes	C	LUVWYA	Yes	C
B3XJEC	Yes	C	M6NXQ4	Yes	C
BNNQVF	Yes	C	MEYYC6	Yes	C
CJKCMF	Yes	C			

TABLE 2 - Item Q16

WebCode	Common Source?	Standard	WebCode	Common Source?	Standard
N4ATT7	Yes	C	YJUV4R	Yes	C
PC2RK4	Yes	C	ZPCK3R	Yes	C
PDD8E4	Yes	C	ZWQQEP	Yes	C
Q3THT4	Yes	C			
Q8JPDX	Yes	C			
Q9E9EY	Yes	C			
QAPDQ3	Yes	C			
QV8MRZ	Yes	C			
RXBFLY	Yes	C			
T7YQ9Y	Yes	C			
TNHPDW	Yes	C			
TZB63X	Yes	C			
UL7DQR	Yes	C			
V48BWU	Yes	C			
VKUUPV	Yes	C			
VPLYJY	Yes	C			
W2CA7W	Yes	C			
WBZ4HT	Yes	C			
WBZ78X	Yes	C			
WUDMEW	Yes	C			
XY79LP	Yes	C			
YJTXTW	Yes	C			

Response Summary - Q16		Total Participants: 68	
Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?			
<u>Common Source?</u>	<u>Total</u>	<u>Standard</u>	
Yes	68	C (68)	
No	0		
Unable To Determine	0		

TABLE 2 - Item Q17

WebCode	Common Source?	WebCode	Common Source?
3B6BCN	No	CUJBAF	No
3G9HQQ	No	DFWHYE	No
3MW3WR	No	DW84MA	No
3VNFWR	No	EN9Y7E	No
3YNRRR	No	F74QRC	No
42BMUQ	No	FEUG47	No
4HWB4L	No	FUPUL9	No
4JRU6M	No	GCN9KE	No
4K6NKM	No	HAFF67	No
6986JM	No	HDER27	No
6ALAHK	No	HVYHZ6	No
6FMLEG	No	J4K4J9	No
6UQWYH	No	J6FLKA	No
7NFDYG	No	JG99Q6	No
7ZRKZM	No	K84HM9	No
9HJ9JG	No	KMTMU3	No
9Z4YHG	No	LBGPFZ	No
ALFG3H	No	LTWXF2	No
ATE26D	No	LUVWYA	No
B3XJEC	No	M6NXQ4	No
BNNQVF	No	MEYYC6	No
CJKCMF	No		

TABLE 2 - Item Q17

WebCode	Common Source?	WebCode	Common Source?
N4ATT7	No	YJUV4R	No
PC2RK4	No	ZPCK3R	No
PDD8E4	No	ZWQQEP	No
Q3THT4	No		
Q8JPDX	No		
Q9E9EY	No		
QAPDQ3	No		
QV8MRZ	No		
RXBFLY	No		
T7YQ9Y	No		
TNHPDW	No		
TZB63X	No		
UL7DQR	No		
V48BWU	No		
VKUUPV	No		
VPLYJY	No		
W2CA7W	No		
WBZ4HT	No		
WBZ78X	No		
WUDMEW	No		
XY79LP	No		
YJTXTW	No		

Response Summary - Q17**Total Participants: 68**

Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?

<u>Common Source?</u>	<u>Total</u>	<u>Standard</u>
Yes	0	(N/A for non-associations)
No	68	
Unable To Determine	0	

TABLE 2 - Item Q18

WebCode	Common Source?	Standard	WebCode	Common Source?	Standard
3B6BCN	Yes	H	CUJBAF	Yes	H
3G9HQQ	Yes	H	DFWHYE	Yes	H
3MW3WR	Yes	H	DW84MA	Yes	H
3VNFWR	Yes	H	EN9Y7E	Yes	H
3YNRRR	Yes	H	F74QRC	Yes	H
42BMUQ	Yes	H	FEUG47	Yes	H
4HWB4L	Yes	H	FUPUL9	Yes	H
4JRU6M	Yes	H	GCN9KE	Yes	H
4K6NKM	Yes	H	HAFF67	Yes	H
6986JM	Yes	H	HDER27	Yes	H
6ALAHK	Yes	H	HVYHZ6	Yes	H
6FMLEG	Yes	H	J4K4J9	Yes	H
6UQWYH	Yes	H	J6FLKA	Yes	H
7NFDYG	Yes	H	JG99Q6	Yes	H
7ZRKZM	Yes	H	K84HM9	Yes	H
9HJ9JG	Yes	H	KMTMU3	Yes	H
9Z4YHG	Yes	H	LBGPFZ	Yes	H
ALFG3H	Yes	H	LTWXF2	Yes	H
ATE26D	Yes	H	LUVWYA	Yes	H
B3XJEC	Yes	H	M6NXQ4	Yes	H
BNNQVF	Yes	H	MEYYC6	Yes	H
CJKCMF	Yes	H			

TABLE 2 - Item Q18

WebCode	Common Source?	Standard	WebCode	Common Source?	Standard
N4ATT7	Yes	H	YJUV4R	Yes	H
PC2RK4	Yes	H	ZPCK3R		H
PDD8E4	Yes	H	ZWQQEP	Yes	H
Q3THT4	Yes	H			
Q8JPDX	Yes	H			
Q9E9EY	Yes	H			
QAPDQ3	Yes	H			
QV8MRZ	Yes	H			
RXBFLY	Yes	H			
T7YQ9Y	Yes	H			
TNHPDW	Yes	H			
TZB63X	Yes	H			
UL7DQR	Yes	H			
V48BWU	Yes	H			
VKUUPV	Yes	H			
VPLYJY	Yes	H			
W2CA7W	Yes	H			
WBZ4HT	Yes	H			
WBZ78X	Yes	H			
WUDMEW	Yes	H			
XY79LP	Yes	H			
YJTXTW	Yes	H			

Response Summary - Q18		Total Participants: 68	
Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?			
<u>Common Source?</u>	<u>Total</u>	<u>Standard</u>	
Yes	67	H (68)	
No	0		
Unable To Determine	0		

TABLE 2 - Item Q19

WebCode	Common Source?	WebCode	Common Source?
3B6BCN	No	CUJBAF	No
3G9HQQ	No	DFWHYE	No
3MW3WR	No	DW84MA	No
3VNFWR	No	EN9Y7E	No
3YNRRR	No	F74QRC	No
42BMUQ	No	FEUG47	No
4HWB4L	No	FUPUL9	No
4JRU6M	No	GCN9KE	No
4K6NKM	No	HAFF67	No
6986JM	No	HDER27	No
6ALAHK	No	HVYHZ6	No
6FMLEG	No	J4K4J9	No
6UQWYH	No	J6FLKA	No
7NFDYG	No	JG99Q6	No
7ZRKZM	No	K84HM9	No
9HJ9JG	No	KMTMU3	No
9Z4YHG	No	LBGPFZ	No
ALFG3H	No	LTWXF2	No
ATE26D	No	LUVWYA	No
B3XJEC	No	M6NXQ4	No
BNNQVF	No	MEYYC6	No
CJKCMF	No		

TABLE 2 - Item Q19

WebCode	Common Source?	WebCode	Common Source?
N4ATT7	No	YJUV4R	No
PC2RK4	No	ZPCK3R	No
PDD8E4	No	ZWQQEP	No
Q3THT4	No		
Q8JPDX	No		
Q9E9EY	No		
QAPDQ3	No		
QV8MRZ	No		
RXBFLY	No		
T7YQ9Y	No		
TNHPDW	No		
TZB63X	No		
UL7DQR	No		
V48BWU	No		
VKUUPV	No		
VPLYJY	No		
W2CA7W	No		
WBZ4HT	No		
WBZ78X	No		
WUDMEW	No		
XY79LP	No		
YJTXTW	No		

Response Summary - Q19**Total Participants: 68**

Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?

<u>Common Source?</u>	<u>Total</u>	<u>Standard</u>
Yes	0	(N/A for non-associations)
No	68	
Unable To Determine	0	

TABLE 2 - Item Q20

WebCode	Common Source?	WebCode	Common Source?
3B6BCN	No	CUJBAF	No
3G9HQQ	No	DFWHYE	No
3MW3WR	No	DW84MA	No
3VNFWR	No	EN9Y7E	No
3YNRRR	No	F74QRC	No
42BMUQ	No	FEUG47	No
4HWB4L	No	FUPUL9	No
4JRU6M	No	GCN9KE	No
4K6NKM	No	HAFF67	No
6986JM	No	HDER27	No
6ALAHK	No	HVYHZ6	No
6FMLEG	No	J4K4J9	No
6UQWYH	No	J6FLKA	No
7NFDYG	No	JG99Q6	No
7ZRKZM	No	K84HM9	No
9HJ9JG	No	KMTMU3	No
9Z4YHG	No	LBGPFZ	No
ALFG3H	No	LTWXF2	No
ATE26D	No	LUVWYA	No
B3XJEC	No	M6NXQ4	No
BNNQVF	No	MEYYC6	No
CJKCMF	No		

TABLE 2 - Item Q20

WebCode	Common Source?	WebCode	Common Source?
N4ATT7	No	YJUV4R	No
PC2RK4	No	ZPCK3R	No
PDD8E4	No	ZWQQEP	No
Q3THT4	No		
Q8JPDX	No		
Q9E9EY	No		
QAPDQ3	No		
QV8MRZ	No		
RXBFLY	No		
T7YQ9Y	No		
TNHPDW	No		
TZB63X	No		
UL7DQR	No		
V48BWU	No		
VKUUPV	No		
VPLYJY	No		
W2CA7W	No		
WBZ4HT	No		
WBZ78X	No		
WUDMEW	No		
XY79LP	No		
YJTXTW	No		

Response Summary - Q20		Total Participants: 68	
Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?			
<u>Common Source?</u>	<u>Total</u>	<u>Standard</u>	
Yes	0	(N/A for non-associations)	
No	68		
Unable To Determine	0		

Additional Comments

TABLE 3

WebCode	Additional Comments
3B6BCN	It was determined during the comparison and review of the 10-to-10 portion of the proficiency that Standard E and F were identical sets of 10 prints. I do not know if this was an intentional design feature of the exam or a mistake. Based on the available data, none of the questioned 10 prints shared a common source with these two standards as presented in the exam.
4K6NKM	Standard F and standard E are the same ten print card.
LBGPFZ	SE COMPLETO EXITOSAMENTE LA PRUEBA. [CTS Translation: "The test was completed successfully"]
LTWXF2	E = F
M6NXQ4	Standard E and F tenprints are from the same person.
N4ATT7	TENPRINT STANDARD CARDS LETTERS "E" AND "F" ARE THE SAME.
T7YQ9Y	The test was also successfully completed within our organization by a person without the necessary expertise. This raises some questions on our part regarding the credibility of the test. The accreditation is based on the assumption that only qualified individuals / experts can pass the test. If this is not guaranteed, it could call into question the integrity of the entire certification process, as well as cast doubt on the credibility of the field itself. From our perspective, the test has not been sufficiently prepared or monitored to meet the actual requirements of dactyloscopy.

-End of Report-
(Appendix may follow)

Test No. 25-5141: Tenprint Examination

DATA MUST BE SUBMITTED BY **Aug. 04, 2025, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: 4Y7XRG

Scenario:

The following prints, including single-print card pairs and tenprint cards, are in need of manual comparison. For the single prints, please compare the like-numbered Questioned and Standard print pairs to determine if they originate from the same source. For the tenprint cards, please compare each Questioned item to the pool of Standard items to determine if any of the Questioned tenprint cards share a common source with any of the Standard tenprint cards.

- For the single print pairs, open the like-numbered Questioned and Standard files and compare the two prints.

- For the tenprint cards, open a Questioned file and compare it to each Standard file. If a match is found, indicate the letter of the Standard card that was identified as sharing a common source with the Questioned card.

- The files within the 'TIF' and 'JPG' folders are the same items, just provided in different formats.

- For this test, you are not limited to conducting only on-screen comparisons and may employ any other method you wish. However, because of differences in printing technology, CTS cannot guarantee the quality of images you print from the digital media.

Items Submitted (Sample Pack TPE):

Items Q1-Q12: Twelve single-print card pairs, in TIF and JPG formats.

Items Q13-Q20: Eight questioned tenprint cards, in TIF and JPG formats.

Items A-H: Eight standard tenprint cards for comparison to Q13-Q20, in TIF and JPG formats.

To verify a complete and accurate download, the hash value for the downloaded .ZIP file is as follows:

25-5141_Tenprint Examination.zip MD5 hash value: 3d30082fe41ef8f9316078a12d07c73a

25-5141_Tenprint Examination.zip SHA1 hash value: 05a15b6a0303be5b433f72d2458557bc65372d10

1.) Does each pair of the following collected single-print cards originate from the same source?

*If "Unable to Determine" is selected, please explain your reasoning in the Additional Comments.

	Yes	No	Unable to Determine*
Q1	☐	☐	☐
Q2	☐	☐	☐
Q3	☐	☐	☐
Q4	☐	☐	☐

	Yes	No	Unable to Determine*
Q5	☐	☐	☐
Q6	☐	☐	☐
Q7	☐	☐	☐
Q8	☐	☐	☐

	Yes	No	Unable to Determine*
Q9	☐	☐	☐
Q10	☐	☐	☐
Q11	☐	☐	☐
Q12	☐	☐	☐

2.) Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the Standard tenprint cards (A-H)? If so, please identify the letter of the Standard card with which a common source is shared.

*If "Unable to Determine" is selected, please explain your reasoning in the Additional Comments.

	Yes	No	Unable to Determine*
Q13	☐	☐	☐
Q14	☐	☐	☐
Q15	☐	☐	☐
Q16	☐	☐	☐
	Yes	No	Unable to Determine*
Q17	☐	☐	☐
Q18	☐	☐	☐
Q19	☐	☐	☐
Q20	☐	☐	☐

3.) Additional Comments

Note: Please use appropriate punctuation to indicate the end of sentences, sections, and statements in the free-form space below. Extra spacing and returns used for separation within your text will not transfer and may cause your information to be illegible in the Summary Report. The use of lists and tabular formats to deliver information is also cautioned against, as these do not transfer.

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RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ANAB and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- ☐ This participant's data is intended for submission to ANAB and/or A2LA. (Accreditation Release section below must be completed.)
- ☐ This participant's data is **not** intended for submission to ANAB and/or A2LA.

Have the laboratory's designated individual complete the following steps
only if your laboratory is accredited in this testing/calibration discipline
by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)