

ANALYST WORKSHEET		1. PRODUCT Cantaloupe		2. SAMPLE NUMBER 643701	
3. SEALS <input checked="" type="checkbox"/> INTACT <input type="checkbox"/> NONE <input type="checkbox"/> BROKEN		4. DATE RECEIVED 09/10/2011		5. RECEIVED FROM Terri Thomas	
7. DESCRIPTION OF SAMPLE Two red coolers officially sealed "INV643701, 9/9/11, Jennifer A. Baker, Investigator", each containing 5 stomacher bags identified, "INV643701, 9/9/11, JB". One additional stomacher bag identified, "INV643701, JB, Closed Controls, 9/9/11" contains one closed stomacher bag and a pair of un-opened sterile gloves and was present in one of the officially sealed coolers. A second additional stomacher bag identified, "INV643701, JB, Open Controls, 9/9/11" contains one opened stomacher bag and was present in the same cooler as the closed controls. Each sub contains 1 cantaloupe amounting to 10 subs for the entire sample. All subs are labeled 1-10 and appear undamaged.					
8. NET CONTENTS		<input checked="" type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> NOT DETERMINED UNITS EXAMINED _____		DECLARE/UNIT <u>NA</u> AMOUNT FOUND _____ % OF DECLARED _____	
		9. LABELING		ORIGINAL(S) SUBMITTED _____ COPIES SUBMITTED _____ <input checked="" type="checkbox"/> NONE	
10. SUMMARY OF ANALYSIS					
CONTAINER: Stomacher bag. LABELING: None. CODE: None. PRODUCT: Appearance of cantaloupe. ANALYSIS: 10 individual subs analyzed for Listeria. METHOD: BAM Online, January 2001, Detection and Enumeration of <i>Listeria monocytogenes</i> in Foods, Chapter 10, January 2003, sections A-D. RESULTS: <i>Listeria monocytogenes</i> detected. in subs 1-3, 5-10. 9/15/11 <i>AMW</i> No growth was detected in collector's controls.					
11. RESERVE SAMPLE					
No reserve. Sample destroyed by analyst. Official seals are included as attachments A1 and A2. Isolates retained at Denver Lab for PFGE.					
12. a. ANALYST SIGNATURE (Broke Seal <input checked="" type="checkbox"/> <i>Patrick W. McAfee</i>		13. WORK-SHEET CHECK		a. BY <i>Jackie A. Miller</i>	
b. <i>Andrew Gonzalez</i>				b. DATE <i>9/15/11</i>	
c. <i>JENNIFER S. ANCE</i>		14. DATE REPORTED 09/15/2011			
Denver District Laboratory Electronic Form 431 2006 Version 1.0					

CR-AD
RECEIVED
SFP 18 2011
RS11 CB #290

AMW
9/15/11
9/16/11

Den-Do/DCB
Class III
Domestic

LISTERIA SPP. WORKSHEET: CONFIRMATION

COMP / SUB	Selective Agar		TSA-YE					Catalase					Gram Stain					Beta Hemolysis					Motility					Ident.	Summary									
	24 HR STREAK:	48 HR STREAK:	9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>	9/13/11 <i>puw</i>				
	24 HR READ 1:	48 HR READ 1:	9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>	9/13/11 <i>puw</i>				
	24 HR READ 2:	48 HR READ 2:	9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>					9/13/11 <i>puw</i>	9/13/11 <i>puw</i>				
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	SEE PAGE OR ATTACH:						
6	24 Hr	Palcam	TY	TY	/	/	/	/	/	/	+	/	/	/	/	/	+	/	/	/	/	/	+	/	/	/	/	/	+	/	/	/	/	/		<input type="checkbox"/> No <i>Listeria</i> spp. Detected.		
	48 Hr	Palcam	TY	TY	TY	TY	TY	TY	TY	TY	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	P25 P27	<input checked="" type="checkbox"/> <i>Listeria</i> <i>monocytogenes</i> detected.		
		Chrom																																				
7	24 Hr	Palcam	TY	TY	TY	/	/	/	/	/	+	+	/	/	/	+	+	/	/	/	/	+	+	/	/	/	+	+	/	/	/	+	+	/	/	/		<input type="checkbox"/> No <i>Listeria</i> spp. Detected.
	48 Hr	Palcam	TY	TY	TY	TY	TY	TY	TY	TY	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	P25 P27	<input checked="" type="checkbox"/> <i>Listeria</i> <i>monocytogenes</i> detected.			
		Chrom																																				
8	24 Hr	Palcam	TY	TY	/	/	/	/	/	/	+	/	/	/	/	+	/	/	/	/	/	+	/	/	/	/	+	/	/	/	/	+	/	/	/	/		<input type="checkbox"/> No <i>Listeria</i> spp. detected.
	48 Hr	Palcam	TY	TY	TY	/	/	/	/	/	+	+	/	/	/	+	+	/	/	/	/	+	+	/	/	/	+	+	/	/	/	+	+	/	/	/	P25 P27	<input checked="" type="checkbox"/> <i>Listeria</i> <i>monocytogenes</i> detected.
		Chrom																																				
9	24 Hr	Palcam	TY	TY	TY	TY	TY	TY	TY	TY	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		<input type="checkbox"/> No <i>Listeria</i> spp. detected.
	48 Hr	Palcam	TY	TY	TY	TY	TY	TY	TY	TY	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	P25 P27	<input checked="" type="checkbox"/> <i>Listeria</i> <i>monocytogenes</i> detected.
		Chrom																																				
10	24 Hr	Palcam	TY	TY	/	/	/	/	/	/	+	+	/	/	/	+	+	/	/	/	/	+	+	/	/	/	+	+	/	/	/	+	+	/	/	/		<input type="checkbox"/> No <i>Listeria</i> spp. detected.
	48 Hr	Palcam	TY	TY	TY	/	/	/	/	/	+	+	/	/	/	+	+	/	/	/	/	+	+	/	/	/	+	+	/	/	/	+	+	/	/	/	P26 P28	<input checked="" type="checkbox"/> <i>Listeria</i> <i>monocytogenes</i> detected.
		Chrom																																				

TY = TYPICAL *LISTERIA SPP* GROWTH AT = ATYPICAL NG = NO GROWTH += POSITIVE -= NEGATIVE N/A = NOT APPLICABLE
 + (GRAM STAIN) = GRAM POSITIVE RODS - (GRAM STAIN) = GRAM NEGATIVE RODS

GENERAL CONTINUATION SHEET	PRODUCT <i>Cantaloupe</i>	SAMPLE NUMBER <i>643701</i>
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LISTERIA SPP. WORKSHEET: CONFIRMATION/DIRECT PLATES

ENRICHMENT <input type="checkbox"/> N/A Refer to VIDAS sheet	BLEB: <i>090911A4 Lot A</i>	Date/Initials: <i>9/10/11 PWM</i>	Acriflavin: <i>080311</i>	Date/Initials: <i>9/10/11 PWM</i>
	Add antibiotics after 4 hr incubation		Cyclohexamide: <i>080311</i>	<i>9/10/11 PWM</i>
			Sodium Nalidixate: <i>080311</i>	<i>9/10/11 PWM</i>

COMP/SUB	Selective Agar		TSA-YE					Catalase					Gram Stain					Beta Hemolysis					Motility					Ident.	Summary					
	24 HR STREAK:	48 HR STREAK:	A B C D E					A B C D E					A B C D E					A B C D E					A B C D E					A B C D E						
	<i>9/11/11 PWM</i>	<i>9/12/11 PWM</i>	<i>9/13/11 PWM</i>					<i>9/14/11 PWM</i>					<i>9/13/11 PWM</i>					<i>9/13/11 PWM</i>					<i>9/13/11 PWM</i>					<i>9/13/11 PWM</i>					<i>9/13/11 PWM</i>	<i>9/14/11 PWM</i>
	24 HR READ 1: <i>9/12/11 PWM</i>	48 HR READ 1: <i>9/13/11 PWM</i>																															<input type="checkbox"/> Vitek <input checked="" type="checkbox"/> API List. SEE PAGE OR ATTACH:	
	24 HR READ 2: <i>9/13/11 PWM</i>	48 HR READ 2: <i>9/14/11 PWM</i>																															<input type="checkbox"/> No <i>Listeria</i> spp. detected.	
	24 Hr	Palcam																															<input type="checkbox"/> <i>Listeria</i> detected.	
	48 Hr	Palcam																																
	48 Hr	Chrom																																
	24 Hr	Palcam																																<input type="checkbox"/> No <i>Listeria</i> spp. detected.
	48 Hr	Palcam																																<input type="checkbox"/> <i>Listeria</i> detected.
	48 Hr	Chrom																																
Sterile Media	24 Hr	Palcam	<i>NG</i>																															<input checked="" type="checkbox"/> Controls performed properly
	48 Hr	Palcam	<i>NG</i>																															
	48 Hr	Chrom																																
<i>E. coli</i> ATCC 8739	24 Hr	Palcam	<i>NG</i>																															<input type="checkbox"/> Controls did not perform properly
	48 Hr	Palcam	<i>NG</i>																															
	48 Hr	Chrom																																
<i>L. innocua</i> ATCC 33090	24 Hr	Palcam	<i>TY</i>					<i>+</i>					<i>+</i>					<i>-</i>					<i>+</i>											<i>Page 208</i>
	48 Hr	Palcam	<i>TY</i>																															
	48 Hr	Chrom																																
<i>L. mono</i> ATCC 19115	48 Hr	Chrom																					<i>+</i>											<i>Page 208</i>
<i>S. pyogenes</i> ATCC 19615																																		
<i>S. aureus</i> ATCC 25923																																		

TY = TYPICAL *LISTERIA* SPP GROWTH AT = ATYPICAL NG = NO GROWTH + = POSITIVE - = NEGATIVE N/A = NOT APPLICABLE
 + (GRAM STAIN) = GRAM POSITIVE RODS - (GRAM STAIN) = GRAM NEGATIVE RODS

BLEB:	API Listeria:	Poly O Type 1:	Microscope: <i>1700533</i>
Palcam: <i>090911B2 Lot B</i>	Saline:	Poly O Type 4:	Pipettor #:
Chromogenic:	ZYM B:	Poly O Type 1&4:	Pipettor validated date:
TSA-YE:	TSB-YE:	Vitek Card:	30 °C incubator:
Blood Agar:	Tryptose Broth:	Vitek System:	35 °C incubator:
Motility:	FA Buffer:	Vitek Saline:	

ANALYST(S) <i>Paul W. Miller</i>	PAGE <u>4</u> OF <u>10</u> PAGES
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GENERAL CONTINUATION SHEET

PRODUCT

Cantaloupe

SAMPLE NUMBER

643701

api Listeria

18-24 hour incubation at 36°C +/- 2 °C

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLY O <input checked="" type="checkbox"/>	9/14/11 PUM
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1 <input checked="" type="checkbox"/>	SUB #: 1 iso A.
												TYPE 4 <input type="checkbox"/>	IDENT: <u>L. monocytogenes</u>
6		5			1		0						
1	2	4	1	2	4	1	2	4	1			POLY O <input checked="" type="checkbox"/>	9/14/11 PUM
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1 <input checked="" type="checkbox"/>	SUB #: 2 iso A
												TYPE 4 <input type="checkbox"/>	IDENT: <u>L. monocytogenes</u>
6		5			1		0						
1	2	4	1	2	4	1	2	4	1			POLY O <input checked="" type="checkbox"/>	9/14/11 PUM
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1 <input checked="" type="checkbox"/>	SUB #: 3 iso A
												TYPE 4 <input type="checkbox"/>	IDENT: <u>L. monocytogenes</u>
6		5			1		0						
1	2	4	1	2	4	1	2	4	1			POLY O <input checked="" type="checkbox"/>	9/14/11 PUM
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1 <input checked="" type="checkbox"/>	SUB #: 5 iso A
												TYPE 4 <input type="checkbox"/>	IDENT: <u>L. monocytogenes</u>
6		5			1		0						
1	2	4	1	2	4	1	2	4	1			POLY O <input checked="" type="checkbox"/>	9/14/11 PUM
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1 <input checked="" type="checkbox"/>	SUB #: 6 iso A.
												TYPE 4 <input type="checkbox"/>	IDENT: <u>L. monocytogenes</u>
6		5			1		0						
1	2	4	1	2	4	1	2	4	1			POLY O <input checked="" type="checkbox"/>	9/14/11 PUM
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1 <input checked="" type="checkbox"/>	SUB #: 7 iso A ^{9/14/11} B
												TYPE 4 <input type="checkbox"/>	IDENT: <u>L. monocytogenes</u>
6		5			1		0						
1	2	4	1	2	4	1	2	4	1			POLY O <input checked="" type="checkbox"/>	9/14/11 PUM
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1 <input checked="" type="checkbox"/>	SUB #: 8 iso A.
												TYPE 4 <input type="checkbox"/>	IDENT: <u>L. monocytogenes</u>
6		5			1		0						
1	2	4	1	2	4	1	2	4	1			POLY O <input checked="" type="checkbox"/>	9/14/11 PUM
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1 <input checked="" type="checkbox"/>	SUB #: 9 iso A.
												TYPE 4 <input type="checkbox"/>	IDENT: <u>L. monocytogenes</u>
6		5			1		0						

ANALYST(S)

John W. Miller

GENERAL CONTINUATION SHEET

PRODUCT

Cantaloupe

SAMPLE NUMBER

643701

api Listeria

18-24 hour incubation at 36°C +/- 2 °C

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLYO <input checked="" type="checkbox"/>	9/14/11 PAM
-	+	-	+	-	+	+	-	-	-	+	-	TYPE 1 <input type="checkbox"/> TYPE 4 <input checked="" type="checkbox"/>	SUB #: <u>L. monocytogenes ATCC 19115</u>
2			5			1			0	P.aeruginosa ATCC 9027 Oxidase: <input checked="" type="checkbox"/>			IDENT: <u>L. monocytogenes</u>
1	2	4	1	2	4	1	2	4	1			POLYO <input type="checkbox"/>	9/14/11 PAM
+	+	+	+	-	+	+	-	-	-	-	-	TYPE 1 <input type="checkbox"/> TYPE 4 <input type="checkbox"/>	SUB #: <u>L. innocua ATCC 33090</u>
7			5			1			0				IDENT: <u>L. innocua</u>
1	2	4	1	2	4	1	2	4	1			POLYO <input checked="" type="checkbox"/>	9/14/11 PAM
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1 <input checked="" type="checkbox"/> TYPE 4 <input type="checkbox"/>	SUB #: <u>10 Iso A</u>
6			5			1			0				IDENT: <u>L. monocytogenes</u>
1	2	4	1	2	4	1	2	4	1			POLYO <input type="checkbox"/>	DATE: _____
												TYPE 1 <input type="checkbox"/> TYPE 4 <input type="checkbox"/>	SUB #: _____
													IDENT: _____
1	2	4	1	2	4	1	2	4	1			POLYO <input type="checkbox"/>	DATE: _____
												TYPE 1 <input type="checkbox"/> TYPE 4 <input type="checkbox"/>	SUB #: _____
													IDENT: _____
1	2	4	1	2	4	1	2	4	1			POLYO <input type="checkbox"/>	DATE: _____
												TYPE 1 <input type="checkbox"/> TYPE 4 <input type="checkbox"/>	SUB #: _____
													IDENT: _____
1	2	4	1	2	4	1	2	4	1			POLYO <input type="checkbox"/>	DATE: _____
												TYPE 1 <input type="checkbox"/> TYPE 4 <input type="checkbox"/>	SUB #: _____
													IDENT: _____

ANALYST(S)

Pat W. Miller

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api Listeria 18-24 hour incubation at 36°C +/- 2 °C

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLY O	<u>9/15/11 PWM</u>
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1	SUB #: <u>1 iso A</u>
												TYPE 4	IDENT: <u>L. monocytogenes</u>
6			5			1			0				

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLY O	<u>9/15/11 PWM</u>
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1	SUB #: <u>2 iso A</u>
												TYPE 4	IDENT: <u>L. monocytogenes</u>
6			5			1			0				

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLY O	<u>9/15/11 PWM</u>
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1	SUB #: <u>3 iso A</u>
												TYPE 4	IDENT: <u>L. monocytogenes</u>
6			5			1			0				

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLY O	<u>9/15/11 PWM</u>
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1	SUB #: <u>5 iso A</u>
												TYPE 4	IDENT: <u>L. monocytogenes</u>
6			5			1			0				

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLY O	<u>9/15/11 PWM</u>
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1	SUB #: <u>6 iso A.</u>
												TYPE 4	IDENT: <u>L. monocytogenes</u>
6			5			1			0				

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLY O	<u>9/15/11 PWM</u>
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1	SUB #: <u>7 iso A.</u>
												TYPE 4	IDENT: <u>L. monocytogenes</u>
6			5			1			0				

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLY O	<u>9/15/11 PWM</u>
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1	SUB #: <u>8 iso A.</u>
												TYPE 4	IDENT: <u>L. monocytogenes</u>
6			5			1			0				

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:
1	2	4	1	2	4	1	2	4	1			POLY O	<u>9/15/11 PWM</u>
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1	SUB #: <u>9 iso A.</u>
												TYPE 4	IDENT: <u>L. monocytogenes</u>
6			5			1			0				

FORM FDA 431a (2010) Version 1.0

GENERAL CONTINUATION SHEET

PRODUCT

Cantaloupe

SAMPLE NUMBER

643701

api Listeria

18-24 hour incubation at 36°C +/- 2 °C

DIM	ESC	αMAN	DARL	XYL	RHA	MDG	RIB	G1P	TAG	βHEM	OXIDASE	Serology	DATE:	SUB #:	IDENT:
1	2	4	1	2	4	1	2	4	1			POLY 0	9/15/11 PWN		
-	+	-	+	-	+	+	-	-	-	+	-	TYPE 1		L. monocytogenes	ATCC 19115
												TYPE 4			
2			5			1			0	P.aeruginosa ATCC 9027		Oxidase: +			
1	2	4	1	2	4	1	2	4	1			POLY 0	9/15/11 PWN		
+	+	+	+	-	+	+	-	-	-	+	-	TYPE 1		L. innocua	ATCC 33090
												TYPE 4			
7			5			1			0						
1	2	4	1	2	4	1	2	4	1			POLY 0	9/15/11 PWN		
-	+	+	+	-	+	+	-	-	-	+	-	TYPE 1		10 TSO A.	
												TYPE 4			
6			5			1			0					L. monocytogenes	
1	2	4	1	2	4	1	2	4	1			POLY 0			
												TYPE 1			
												TYPE 4			
1	2	4	1	2	4	1	2	4	1			POLY 0			
												TYPE 1			
												TYPE 4			
1	2	4	1	2	4	1	2	4	1			POLY 0			
												TYPE 1			
												TYPE 4			
1	2	4	1	2	4	1	2	4	1			POLY 0			
												TYPE 1			
												TYPE 4			
1	2	4	1	2	4	1	2	4	1			POLY 0			
												TYPE 1			
												TYPE 4			

ANALYST(S)

Patricia W. Miller

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GENERAL CONTINUATION SHEET	PRODUCT <i>Cantaloupe</i>	SAMPLE NUMBER <i>643701</i>
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GENERAL EQUIPMENT / MEDIA / REAGENTS

<i>Shigella</i> species:	<i>E. coli</i> O157:H7:	Miscellaneous:
2X Shigella broth	mBPWp	Balance <i>NA13999</i>
Novobiocin	2X mBPWp	Blenders
50 mL tubes	Acriflavin	Hockey sticks
1.5 mL tubes	Cefsulodin	Spoons/forks/forceps
200 µL tubes	Vancomycin	Test tubes
PBS	Master Mix	Wooden applicators
Sterile water	SC Tubes	BHI broth <i>051211B1</i>
Master Mix	TC-SMAC	Butterfield's
Agarose	R&F agar	3% H ₂ O ₂ <i>090711A3</i> → <i>50317</i>
Dye	L-EMB	0.85% PSS
Ladder	TSA-YE	TSA
EtBr	Kovac's	TSA-YE
5X TBE	CC Discs	Sterile water <i>090111A2</i>
Shig. Rainbow agar	RIM kit	Mineral oil
MacConkey agar		Gram Stain kit <i>0315702</i>
	<i>S. aureus</i> / <i>E. coli</i> MPN:	Oxidase disks <i>0300170</i>
<i>Listeria</i> species:	Buffer liter	VITEK Cards
Enrichment broth	Buffer dilutions	api 20e
Palcam <i>090911B2</i>	TSB/NaCl/pyruvate	Refrigerator
Chromogenic	BP agar	Freezer
TSA-YE <i>082911B2</i>	BHI broth	Shaker
Blood agar <i>1189510</i>	Coagulase Plasma	0.45 PSS 3/4/11 run
Motility 062111B3 <i>062111B3</i>	LST	<i>0.45 PSS : 062811A2</i>
api Listeria <i>1000214221</i>	CC Discs	<i>formaldehyde: xx0708</i>
TSB-YE	EC broth	<i>Centrifuge tubes: 090711A4</i>
Tryptose broth	Tryptone broth	
FA buffer	Kovac's	
Poly O	MR-VP broth	
Type 1 <i>0349179</i>	MR indicator	
Type 4 <i>1091665</i>	α-naphthol	
TPB: <i>062811A2</i>	40% KOH	
	Citrate broth	

Incubators: <input type="checkbox"/> 30°C NC90511 <input checked="" type="checkbox"/> 30°C NC91854 <input type="checkbox"/> 30°C NC91231 <input checked="" type="checkbox"/> 35°C NC91853 <i>3/11/11 run</i> <input type="checkbox"/> 35°C NC90468 <input type="checkbox"/> 35°C NC90625 <input type="checkbox"/> 35°C NC90585 <input type="checkbox"/> 35°C NC91232 <input type="checkbox"/> 35°C NC90615 <input type="checkbox"/> 35°C 1702159 <input type="checkbox"/> 37°C NC91855 <input type="checkbox"/> 42°C NC91852 <input type="checkbox"/> 55°C NC90632 <input type="checkbox"/> °C: <input type="checkbox"/> °C:	Shaker Incubators: <input type="checkbox"/> 37°C NC91427 <input type="checkbox"/> 37°C NC91279 <input type="checkbox"/> 37°C 1700701 <input type="checkbox"/> °C: Waterbaths: <input type="checkbox"/> 42°C NA13905 <input type="checkbox"/> 43°C NA13904 <input type="checkbox"/> 42°C NA13944 <input type="checkbox"/> 43°C NA13945 <input type="checkbox"/> °C: VITEK 2 Compact: <input type="checkbox"/> 1702096	Centrifuges: <input type="checkbox"/> NA13964 <input type="checkbox"/> NC91984 <input type="checkbox"/> 0620581 <input type="checkbox"/> 1700684 <input type="checkbox"/> IEC 1700322 <input checked="" type="checkbox"/> NC1029 PCR: <input type="checkbox"/> MM hood: NC91825 <input type="checkbox"/> DNA hood: NC91933 <input type="checkbox"/> PE 9700: 1700529 <input type="checkbox"/> PE 9700: 1702155 <input type="checkbox"/> GelDocXR: NA13977 SmartCyclerII: <input type="checkbox"/> 1700203
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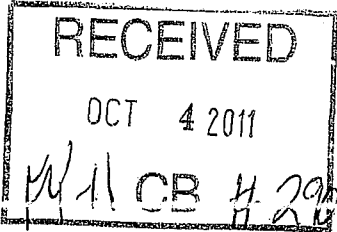
ANALYST(S) <i>Pete W. Miller</i>	PAGE <i>9</i> of <i>10</i> PAGES
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sub#1. 1692.9g
sub#2. 1632.5g
sub#3. 1753.1g
sub#4. 2224.4g
sub#5. 1754.0g
sub#6. 1533.6g
sub#7. 1282.0g
sub#8. 1583.1g
sub#9. 1716.3g
sub#10. 1428.1g

9/11/11 pmm

open control: no growth
closed control: no growth
sterile gloves: no growth
system control: no growth.

ANALYST WORKSHEET		1. PRODUCT <i>L. monocytogenes</i> Isolate(s)		2. SAMPLE NUMBER 643701	
3. SEALS <input type="checkbox"/> INTACT <input checked="" type="checkbox"/> NONE <input type="checkbox"/> BROKEN		4. DATE RECEIVED 9/13/2011	5. RECEIVED FROM Patrick McAfee		6. DISTRICT OR LAB DEN-DO
7. DESCRIPTION OF SAMPLE Nine Petri dishes, each identified, "643701 24hr 9/13/11 PWM" plus sub number/isolate combinations: "Sub 1 Iso A", "Sub 2 Iso A", "Sub 3 Iso A", "Sub 5 Iso A", "Sub 6 Iso A", "Sub 7 Iso B", "Sub 8 Iso A", "Sub 9 Iso A", or "Sub 10 Iso A".					
8. NET CONTENTS	<input checked="" type="checkbox"/> NOT APPLICABLE	DECLARE/UNIT			9. LABELING <input checked="" type="checkbox"/> NONE
	<input type="checkbox"/> NOT DETERMINED	AMOUNT FOUND			
	UNITS EXAMINED	% OF DECLARED			
10. SUMMARY OF ANALYSIS					
CONTAINER: Plastic Petri dish.					
LABELING: None.					
CODE: None.					
PRODUCT: <i>Listeria monocytogenes</i> isolate(s).					
ANALYSIS: Pulsed-field gel electrophoresis. One isolate received and analyzed.					
METHOD: CDC PFGE Method (code PNL04): "Standard Operating Procedure for PulseNet PFGE of <i>Listeria monocytogenes</i> , PNL04, Effective date 10/30/2008". Plugs were made in disposable molds, lysed for 3 hours, washed 6 times for 15 minutes each (2x with water, 4x with TE buffer), and restricted for 30 minutes with <i>Asc I</i> and <i>Apa I</i> .					
RESULTS: See reverse of page 1 and page 2. Electronic tiffs FDN11069 and 11071 submitted to CFSAN.					
Quality control data maintained in the Denver District Laboratory.					
11. RESERVE SAMPLE Reserve culture(s) in freezer vial(s) containing the isolate in BHI broth with 20% glycerol each identified "643701 24 hr 9/19/11 TV" plus sub isolate combinations as identified in block 7.					
12. a. ANALYST SIGNATURE (Broke Seal <input type="checkbox"/> <i>Shauna M. Madson</i> (Shauna M. Madson)			13. WORK-SHEET CHECK	a. BY <i>M. J. Thon</i>	
b. <i>Tania Vogel</i> (Tania Vogel)				b. DATE 9/27/11	
c.				14. DATE REPORTED 9-26-11	
Denver District Laboratory Electronic Form 431 2006, Version 1			Route to: DEN-DCB		PAGE 1 OF 2 PAGES



Jensen PAINL - CLASS - 4 DOMESTIC

ATTACHMENT(S): _____
9/27/11 LGS

FDA PFGE TIFF Submission Worksheet



Gel Name: FDN11069

TIFF Submission Date: 9-14-2011

Organism: Listeria

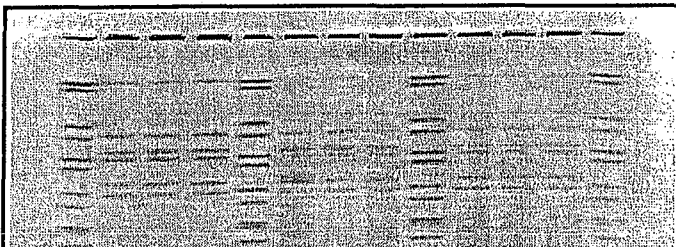
Gel Run Date: 9-13-2011

Data Lane	Description	Enzyme	FACTS ID	Comp/Sub	Isolate	Other ID
1	Global Standard	XbaI				
2	CFSAN	AscI	643701	Sub 1		
3	CFSAN	AscI	643701	Sub 2		
4	CFSAN	AscI	643701	Sub 3		
5	Global Standard	XbaI				
6	CFSAN	AscI	643701	Sub 5		
7	CFSAN	AscI	643701	Sub 6		
8	CFSAN	AscI	643701	Sub 7		
9	Global Standard	XbaI				
10	CFSAN	AscI	643701	Sub 8		
11	CFSAN	AscI	643701	Sub 9		
12	CFSAN	AscI	643701	Sub 10		
13	Global Standard	XbaI				
14						
15						

Gel contains outbreak-related samples

Gel contains investigation-related samples

If boxes above are checked, please provide contact names for results reporting in comments section below.



Comments

CHEF DRIII, 18.6 hr
Fermentas enzymes

FDA PFGE TIFF Submission Worksheet

Print Form

Gel Name FDN11071

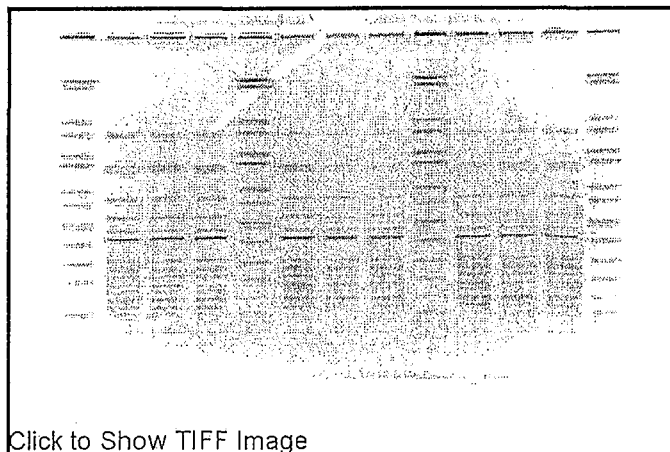
TIFF Submission Date 9-16-2011

Organism Listeria

Gel Run Date 9-15-2011

Data Lane	Description	Enzyme	FACTS ID	Comp/Sub	Isolate	Other ID
1	Global Standard	Xbal				
2	CFSAN	Apal	643701	Sub 1		
3	CFSAN	Apal	643701	Sub 2		
4	CFSAN	Apal	643701	Sub 3		
5	Global Standard	Xbal				
6	CFSAN	Apal	643701	Sub 5		
7	CFSAN	Apal	643701	Sub 6		
8	CFSAN	Apal	643701	Sub 7		
9	Global Standard	Xbal				
10	CFSAN	Apal	643701	Sub 8		
11	CFSAN	Apal	643701	Sub 9		
12	CFSAN	Apal	643701	Sub 10		
13	Global Standard	Xbal				
14						
15						

- Gel contains outbreak-related samples
- Gel contains investigation-related samples
- If boxes above are checked, please provide contact names for results reporting in comments section below.



Comments

CHEF DRIII, 19hr
Fermentas enzymes

Isolates on this gel previously submitted on FDN11070. Restriction digest repeated and submitted on this gel, FDN11071.

ANALYST(S)

LM Mal