

State of California-Health and Human Services Agency

California Department of Public Health

Food and Drug Laboratory Branch

850 Marina Bay Parkway Richmond , CA, 94804

Phone: (510) 412-6220 Fax: (510) 412-6280

Analysis Request and Analytical Report



EDMUND G. BROWN JR.

Governor

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Investigator, Firm/C	onsumer, &	& Sample Inform	nation								
Investigator:		Date Collected:	Date Rec	eived by FDLB:	# of Samples:	IS Number:		FDLB Samp	le Number:		
Jon Spencer #41		11/10/2014	1	1/10/2014	1 Crab	04111101	4A		F14C01329		
Firm/Consumer:		Firm/Consumer City:			Reason for Samp	pling:			Priority:		
CDFW		Santa Rosa			Routine		1 - High				
Product Category: Product Type:			etail:		!				Commodity Code:		
Food and Drug Food Seafood -				abs					221		
Description of Product / Comments:											
Whole Uncooked Fo	rzen Dunge	eness Crab									
Label Information:											
Russian River 15 Fa	thoms 11/9/	/14; Lat 38° 26'N	, Long 12	23° 09'W							
Lot Codes:		FDB Commodity Co	ode:	Source of Sample:	Sample: Country o				Origin:		
N/A		221		Wholesaler			N/A				
			Chei	mistry Analys	sis Results						
Analysis Required		Resu	lt	Quantitatio Limit	on	Units	Analys	sis Perfo	ormed by		
Domoic acid		7.4		2.50		ug/g	Juhua	a Xu			
Analytical Method	: FDL	.B No. 17									
Analysis Commen		RSIONS: ppb=ng/g;	ppm=ug/g	or mg/kg; 1%=10),000 ppm. For	weight/volume: ppb	=ug/L; ppm=	mg/L.			
Analysis approved by:	Gordon V	rdoliak Ph D		Testing	Performed und	er the direction of:					
Analysis approved on: Analysis approved on: 11/13/2014 12:00:00AN					ob Moezzi, F		ranch				



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Investigator, Firm/C	onsumer, & S	ample Informa	tion							
Investigator:	Dat	te Collected:	Date Received by FDLB:	# of Samples:	IS Number:		FDLB Sample Number:			
Jon Spencer #41		11/10/2014	11/10/2014	1 Crab	04111101	4B	F14C01330			
Firm/Consumer:	Firm	m/Consumer City:		Reason for Sam	pling:	•	Priority:			
CDFW	S	Santa Rosa		Routine	Surveillance		1 - High			
Product Category:	Product Type:	Product Detail	ıl:				Commodity Code:			
Food and Drug	Food	Seafoo	od - Crabs				221			
Description of Product / Comments:	:									
Whole Uncooked Fo	orzen Dungene	ess Crab								
Label Information:										
Russian River 30 Fa	thoms 11/9/14	1; Lat 38° 26'N, L	ong 123° 12'W							
Lot Codes:		FDB Commodity Code:	Source of Sam	ple:	in:					
N/A		221	Wholes	esaler N/A						
	Chemistry Analysis Results									
Analysis Required		Danulé	Quantita		Unite	A E	. D. Samue d less			
Analysis Required		Result	Limit		Units	Anaiys	is Performed by			
Domoic acid		< 2.50	2.50		ug/g	Juhua	Xu			
Analytical Method	: FDLB	No. 17								
Analysis Commen	ts:									
	UNIT CONVERS	SIONS: ppb=ng/g; pp	om=ug/g or mg/kg; 1%=	=10,000 ppm. For	weight/volume: ppb	=ug/L; ppm=r	ng/L.			
Analysis approved by:	Gordon Vrdo	oljak, Ph.D.	Testir	ng Performed und	ler the direction of:					
Analysis approved on:	11/13/2014	12:00:00AN		Bob Moezzi, Ph.D., Chief Food and Drug Laboratory Branch						



Analysis approved by:

Analysis approved on:

Gordon Vrdoljak, Ph.D.

11/13/2014 12:00:00AN

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Investigator, Firm/C	onsumer,	& Sample	Informa	tion					
Investigator:		Date Collected	l:	Date Received by FDLB:	# of Samples:	IS Number:		FDLB Samp	ole Number:
Jon Spencer #41		11/10/2	2014	11/10/2014	1 Crab	04111101	4C	F14C01331	
Firm/Consumer:		Firm/Consume	er City:	<u></u>	Reason for Sam	pling:		•	Priority:
CDFW	Santa R	Rosa		Routine	Surveillance			1 - High	
Product Category:	Product Type:	Type: Product Detail:							Commodity Code:
Food and Drug	Fo	ood	d Seafood - Crabs						221
Description of Product / Comments	•								
Whole Uncooked Fo	rzen Dung	eness Cra	ab						
Label Information:									
Russian River 45 Fa	thoms 11/9	9/14; Lat 3	8° 26'N, L	ong 123° 07'W					
Lot Codes:		FDB Co	mmodity Code:	Source of Sampl	e:		igin:		
N/A		22	1	Wholesa	aler		N/A		
				Chemistry Analy	sis Results				
				Quantitati	ion				
Analysis Required			Result	Limit		Units	Analy	sis Perf	ormed by
Domoic acid			< 2.50	2.50		ug/g	Juhua	a Xu	
Analytical Method	: FD	LB No. 17	I.						
Analysis Commen	te ·								
Analysis Colline									

UNIT CONVERSIONS: ppb=ng/g; ppm=ug/g or mg/kg; 1%=10,000 ppm. For weight/volume: ppb=ug/L; ppm=mg/L.

Testing Performed under the direction of:

Bob Moezzi, Ph.D., Chief

Food and Drug Laboratory Branch



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				-							
Investigator, Firm/C	onsumer,	& Sample	e Informa	tion							
Investigator:		Date Collected	i:	Date Receiv	ed by FDLB:	# of Samples:	IS Number:		FDLB Samp	ole Number:	
Jon Spencer #41		11/10/2	2014	11	/10/2014	1 Crab	04111101	4D		F14C01332	
Firm/Consumer:		Firm/Consume	er City:			Reason for Samp	l oling:			Priority:	
CDFW		Santa F	Rosa			Routine	1 - High				
Product Category: Product Type: Product Detail:						T TOGULLO	- Car volliario			Commodity Code:	
Food and Drug					os					221	
Description of Product / Comments:			l							1	
Whole Uncooked Fo	rzen Dung	eness Cra	ab								
Label Information:											
Point Reyes River 1	5 Fathoms	11/9/14; L	_at 38° 02	2'N, Lon	g 123° 00'W						
Lot Codes:		FDB Co	ommodity Code:		Source of Sample:		igin:				
N/A		22	1		Wholesal	Vholesaler N/A					
				Chem	istry Analys	sis Results					
Analysis Required Result					Quantitatio Limit	n	Units	Analys	sis Perf	ormed by	
Domoic acid			< 2.50		2.50		ug/g	Juhua	a Xu		
Analytical Method	; FDI	LB No. 17	,								
Analysis Commen	ts:										
	UNIT CONVE	ERSIONS: p	pb=ng/g; pp	m=ug/g o	r mg/kg; 1%=10	0,000 ppm. For	weight/volume: ppb	=ug/L; ppm=	:mg/L.		
Analysis approved by:	Gordon V	/rdoljak, F	h.D.		Testing	Performed und	er the direction of:				
Analysis approved on: 11/13/2014 12:00:00AN						ob Moezzi, F ood and Dru	Ph.D., Chief g Laboratory B	ranch			



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Analysis Request and Analytical Report Investigator, Firm/Consumer, & Sample Information Date Received by FDLB: # of Samples: IS Number Date Collected: FDLB Sample Number: Investigator: Jon Spencer #41 11/10/2014 11/10/2014 1 Crab 041111014E F14C01333 Firm/Consumer City: Reason for Sampling: Priority: **CDFW** Santa Rosa Routine Surveillance 1 - High Product Category: Product Type: Commodity Code: Food and Drug Seafood - Crabs 221 Food Description of Product / Comments: Whole Uncooked Forzen Dungeness Crab Label Information: Point Reyes River 30 Fathoms 11/9/14; Lat 38° 02'N, Long 123° 01'W Lot Codes: FDB Commodity Code: Source of Sample: Country of Origin: Wholesaler N/A 221 N/A **Chemistry Analysis Results** Quantitation **Analysis Required** Units Result **Analysis Performed by** Limit Domoic acid < 2.50 2.50 ug/g Juhua Xu **Analytical Method:** FDLB No. 17 **Analysis Comments:** UNIT CONVERSIONS: ppb=ng/g; ppm=ug/g or mg/kg; 1%=10,000 ppm. For weight/volume: ppb=ug/L; ppm=mg/L. Analysis approved by: Testing Performed under the direction of: Gordon Vrdoljak, Ph.D. Bob Moezzi, Ph.D., Chief Analysis approved on: 11/13/2014 12:00:00AN **Food and Drug Laboratory Branch**



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mivestigator, Firm/C	onsumer, &	Sample Informa	tion						
Investigator:	Dε	ate Collected:	Date Received by FDLB:	# of Samples:	IS Number:	FDLB Sa	mple Number:		
Jon Spencer #41		11/10/2014	11/10/2014	1 Crab	04111101	4F	F14C01334		
Firm/Consumer:	Fir	m/Consumer City:	<u> </u>	Reason for Samp	lling:	I	Priority:		
CDFW	,	Santa Rosa		Routine	Surveillance		1 - High		
Product Category:	Product Type:	Product Detail	il:				Commodity Code:		
Food and Drug	Food	Seafoc	od - Crabs				221		
Description of Product / Comments:	:	•					•		
Whole Uncooked Fo	rzen Dungen	ess Crab							
Label Information:									
Point Reyes River 4	5 Fathoms 11	/9/14; Lat 38° 03	'N, Long 123° 07'W						
Lot Codes:		FDB Commodity Code:	Source of Sample:			Country of Origin:	Country of Origin:		
N/A		221	Wholesal	er		N/A			
			Chemistry Analys	sis Results					
			Quantitatio	n					
Analysis Required		Result	Limit		Units	Analysis Per	formed by		
Analysis Required Domoic acid		< 2.50	2.50		ug/g	Analysis Per Juhua Xu	formed by		
,						•	formed by		
Domoic acid	: FDLB	< 2.50				•	formed by		
Domoic acid Analytical Method	: FDLB	< 2.50 No. 17),000 ppm. For	ug/g	Juhua Xu	formed by		
Domoic acid Analytical Method	: FDLB	< 2.50 No. 17 SIONS: ppb=ng/g; pp	2.50 om=ug/g or mg/kg; 1%=10		ug/g	Juhua Xu	formed by		