

**Chemical Analyses (HPLC-UVF)**

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) -- Chemistry results below this level are considered safe<sup>1</sup>. LOC for PHN and ANT combined is 1,846,000.

PHN + ANT  
1,846,000  
123,000 246,000 246,000 185,000 1,320 132,000 132 13,200 1,320 1,320 132

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
C-13	Chemical Test 133-3638 Composite of 6 White Shrimp Specimens (collected on 3/7/11)	38.00	<0.69	0.75	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-3640 Composite of 6 White Shrimp Specimens (collected on 3/7/11)	22.00	<0.69	0.49	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
C-13	Chemical Test 133-3641 Composite of 6 Brown Shrimp Specimens (collected on 3/10/11)	48.00	1.3	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2

<sup>1</sup> Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (500 ppm) for Shrimp - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
C-13	Chemical Test 133-3638 Composite of 6 White Shrimp Specimens (collected on 3/7/11)	<0.045
	Chemical Test 133-3640 Composite of 6 White Shrimp Specimens (collected on 3/7/11)	<0.045
C-13	Chemical Test 133-3641 Composite of 6 Brown Shrimp Specimens (collected on 3/10/11)	<0.044

**Chemical Analyses (HPLC-UVF)**

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) -- Chemistry results below this level are considered safe<sup>1</sup>. LOC for PHN and ANT combined is 490,000.

PHN + ANT  
490,000  
32,700 65,300 490,000 65,300 49,000 350 35,000 35 3,500 350 350 35

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
C-13	Chemical Test 133-3912 Composite of 6 Broad Striped Anchovy Specimens (collected on 3/7/11)	40.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3432 Composite of 6 Atlantic Croaker Specimens (collected on 3/7/11)	23.00	<1.0	3.0	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
C-13	Chemical Test 133-3437 Composite of 6 Gulf Menhaden Specimens (collected on 3/7/11)	32.00	2.6	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3435 Composite of 5 Gulf Menhaden Specimens (collected on 3/8/11)	39.00	3.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
C-13	Chemical Test MJ.1101.003.ACComp01_06.NL <sup>2</sup> Composite of 6 Atlantic Croaker Specimens (collected on 3/8/11)	<10.55	<0.55	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.63	<0.77	<1.87	<1.20

<sup>1</sup> Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

<sup>2</sup> Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
C-13	Chemical Test 133-3912 Composite of 6 Broad Striped Anchovy Specimens (collected on 3/7/11)	<0.044
	Chemical Test 133-3432 Composite of 6 Atlantic Croaker Specimens (collected on 3/7/11)	<0.045
C-13	Chemical Test 133-3437 Composite of 6 Gulf Menhaden Specimens (collected on 3/7/11)	<0.045
	Chemical Test 133-3435 Composite of 5 Gulf Menhaden Specimens (collected on 3/8/11)	<0.050
C-13	Chemical Test MJ.1101.003.ACComp01_06.NL Composite of 6 Atlantic Croaker Specimens (collected on 3/8/11)	<0.044

**Chemical Analyses (HPLC-UVF)**

PAH Levels of Concern (LOC) in ppb for Shrimp and Crab (average consumption 13 g/day) -- Chemistry results below this level are considered safe<sup>1</sup>. LOC for PHN and ANT combined is 1,846,000.

PHN + ANT  
1,846,000  
123,000 246,000 246,000 185,000 1,320 132,000 132 13,200 1,320 1,320 132

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
C-17	Chemical Test 133-3620 Composite of 6 Brown Shrimp Specimens (collected on 4/1/11)	23.00	<0.69	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-3622 Composite of 3 White Shrimp Specimens (collected on 4/1/11)	13.00	<0.69	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
C-17	Chemical Test 133-3623 Composite of 2 Brown Shrimp Specimens (collected on 4/1/11)	7.50	<0.69	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-3624 Composite of 3 Brown Shrimp Specimens (collected on 4/2/11)	11.00	<0.69	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
C-17	Chemical Test 133-3625 Composite of 3 Brown Rock Shrimp Specimens (collected on 4/2/11)	17.00	<0.69	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
	Chemical Test 133-3626 Composite of 6 White Shrimp Specimens (collected on 4/2/11)	12.00	<0.69	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2
C-17	Chemical Test 133-3629 Composite of 1 Blue Crab Specimen (collected on 4/2/11)	12.00	<0.69	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.76	<4.5	<6.2

<sup>1</sup> Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (500 ppm) for Shrimp - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
C-17	Chemical Test 133-3620 Composite of 6 Brown Shrimp Specimens (collected on 4/1/11)	<0.044
	Chemical Test 133-3622 Composite of 3 White Shrimp Specimens (collected on 4/1/11)	<0.045
C-17	Chemical Test 133-3623 Composite of 2 Brown Shrimp Specimens (collected on 4/1/11)	<0.044
	Chemical Test 133-3624 Composite of 3 Brown Shrimp Specimens (collected on 4/2/11)	<0.045
C-17	Chemical Test 133-3625 Composite of 3 Brown Rock Shrimp Specimens (collected on 4/2/11)	<0.044
	Chemical Test 133-3626 Composite of 6 White Shrimp Specimens (collected on 4/2/11)	<0.044
C-17	Chemical Test 133-3629 Composite of 1 Blue Crab Specimen (collected on 4/2/11)	<0.044

**Chemical Analyses (HPLC-UVF)**

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) -- Chemistry results below this level are considered safe<sup>1</sup>. LOC for PHN and ANT combined is 490,000.

32,700 65,300 PHN + ANT 490,000 65,300 49,000 350 35,000 35 3,500 350 350 35

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-3532	34.00	1.9	0.78	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 6 Rough Scad Specimens (collected on 3/31/11)													
	Chemical Test 133-3530	6.40	2.7	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 3 Red Snapper Specimens (collected on 3/31/11)													
	Chemical Test 133-3531	40.00	1.6	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 3 Whitebone Porgy Specimens (collected on 3/31/11)													
C-17	Chemical Test 133-3534	9.90	3.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 5 Spot Specimens (collected on 4/1/11)													
	Chemical Test 133-3535	6.80	3.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 1 Lane Snapper Specimen (collected on 4/1/11)													
	Chemical Test 133-3536	7.7	2.4	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 1 Gray Triggerfish Specimen (collected on 4/1/11)													

<sup>1</sup> Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 133-3532	<0.045
	Composite of 6 Rough Scad Specimens (collected on 3/31/11)	
	Chemical Test 133-3530	<0.044
	Composite of 3 Red Snapper Specimens (collected on 3/31/11)	
	Chemical Test 133-3531	<0.045
	Composite of 3 Whitebone Porgy Specimens (collected on 3/31/11)	
C-17	Chemical Test 133-3534	<0.045
	Composite of 5 Spot Specimens (collected on 4/1/11)	
	Chemical Test 133-3535	<0.045
	Composite of 1 Lane Snapper Specimen (collected on 4/1/11)	
	Chemical Test 133-3536	<0.045
	Composite of 1 Gray Triggerfish Specimen (collected on 4/1/11)	

**Chemical Analyses (HPLC-UVF)**

PAH Levels of Concern (LOC) in ppb for Shrimp (average consumption 13 g/day) -- Chemistry results below this level are considered safe<sup>1</sup>. LOC for PHN and ANT combined is 1,846,000.

PHN + ANT 1,846,000 246,000 185,000 1,320 132,000 132 13,200 1,320 1,320 132

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-3681	16.00	4.7	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.78	<4.5	<6.2
	Composite of 5 Brown Rock Shrimp Specimen (collected on 3/23/11)													
	Chemical Test 133-3682	14.00	7.6	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.78	<4.5	<6.2
	Composite of 2 Brown Rock Shrimp Specimen (collected on 3/24/11)													
C-21	Chemical Test 133-3683	16.00	2.1	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.78	<4.5	<6.2
	Composite of 4 Pink Shrimp Specimens (collected on 3/25/11)													
	Chemical Test 133-3686	15.00	1.8	<0.41	<0.70	<0.25	<0.29	<0.78	<1.4	<0.53	<0.37	<0.78	<4.5	<6.2
	Composite of 4 Pink Shrimp Specimens (collected on 3/25/11)													

<sup>1</sup> Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (500 ppm) for Shrimp - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 133-3681	<0.044
	Composite of 5 Brown Rock Shrimp Specimen (collected on 3/23/11)	
	Chemical Test 133-3682	0.053
	Composite of 2 Brown Rock Shrimp Specimen (collected on 3/24/11)	
C-21	Chemical Test 133-3683	<0.045
	Composite of 4 Pink Shrimp Specimens (collected on 3/25/11)	
	Chemical Test 133-3686	<0.045
	Composite of 4 Pink Shrimp Specimens (collected on 3/25/11)	

**Chemical Analyses (HPLC-UVF)**

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) -- Chemistry results below this level are considered safe<sup>1</sup>. LOC for PHN and ANT combined is 490,000.

32,700 65,300 PHN + ANT 490,000 65,300 49,000 350 35,000 35 3,500 350 350 35

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-3442	12.00	3.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 4 Red Snapper Specimens (collected on 3/16/11)													
	Chemical Test 133-3443	5.70	2.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 1 Red Drum Specimen (collected on 3/16/11)													
C-21	Chemical Test 133-3675	8.00	2.7	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 3 Gray Triggerfish Specimens (collected on 3/22/11)													
	Chemical Test 133-3680	9.70	3.2	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Composite of 4 Red Snapper Specimens (collected on 3/22/11)													

<sup>1</sup> Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 133-3442	<0.045
	Composite of 4 Red Snapper Specimens (collected on 3/16/11)	
	Chemical Test 133-3443	<0.045
	Composite of 1 Red Drum Specimen (collected on 3/16/11)	
C-21	Chemical Test 133-3675	<0.045
	Composite of 3 Gray Triggerfish Specimens (collected on 3/22/11)	
	Chemical Test 133-3680	<0.045
	Composite of 4 Red Snapper Specimens (collected on 3/22/11)	

**Chemical Analyses (HPLC-UVF)**

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) -- Chemistry results below this level are considered safe<sup>1</sup>. LOC for PHN and ANT combined is 490,000.

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-3444 Composite of 3 Red Snapper Specimens (collected on 3/17/11)	12.00	1.8	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3445 Composite of 1 Gray Triggerfish Specimen (collected on 3/17/11)	8.60	2.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3446 Composite of 1 Red Snapper Specimen (collected on 3/17/11)	4.60	1.9	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
C-22	Chemical Test 133-3677 Composite of 4 Dusky Flounder Specimens (collected on 3/25/11)	9.20	3.1	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test DM.1102.010.PFComp01_06.NL <sup>2</sup> Composite of 6 Pinfish Specimens (collected on 3/25/11)	<10.55	7.42	<1.99	<1.42	<5.57	<3.19	<3.36	<4.34	<0.81	<0.83	<0.77	<1.87	<1.20
	Chemical Test 133-3679 Composite of 4 Pinfish Specimens (collected on 3/25/11)	11.00	3.7	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-3684 Composite of 2 Red Snapper Specimens (collected on 3/25/11)	12.00	1.5	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3

<sup>1</sup> Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol  
<sup>2</sup> Analyses conducted using Agilent HPLC-UVF system versus Waters HPLC-UVF system

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 133-3444 Composite of 3 Red Snapper Specimens (collected on 3/17/11)	<0.045
	Chemical Test 133-3445 Composite of 1 Gray Triggerfish Specimen (collected on 3/17/11)	<0.045
	Chemical Test 133-3446 Composite of 1 Red Snapper Specimen (collected on 3/17/11)	<0.045
C-22	Chemical Test 133-3677 Composite of 4 Dusky Flounder Specimens (collected on 3/25/11)	<0.044
	Chemical Test DM.1102.010.PFComp01_06.NL Composite of 6 Pinfish Specimens (collected on 3/25/11)	<0.045
	Chemical Test 133-3679 Composite of 4 Pinfish Specimens (collected on 3/25/11)	0.066
	Chemical Test 133-3684 Composite of 2 Red Snapper Specimens (collected on 3/25/11)	<0.045

**Chemical Analyses (HPLC-UVF)**

PAH Levels of Concern (LOC) in ppb for Finfish (average consumption 49 g/day) -- Chemistry results below this level are considered safe<sup>1</sup>. LOC for PHN and ANT combined is 490,000.

Grid	Sample Label	CHEMISTRY RESULTS (parts per billion)												
		NPH	FLU	PHN	ANT	FLA	PYR	BAA	CHR	BAP	BKF	BBF	IDP	DBA
	Chemical Test 133-4303 Composite of 1 Southern Hake Specimen (collected on 5/2/11)	7.80	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-4304 Composite of 1 Sand Perch Specimen (collected on 5/3/11)	9.70	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-4305 Composite of 3 Atlantic Croaker Specimens (collected on 5/5/11)	9.80	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
C-26	Chemical Test 133-4306 Composite of 1 Great Northern Tilefish Specimen (collected on 5/5/11)	8.80	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-4307 Composite of 1 Blackline Tilefish Specimen (collected on 5/5/11)	9.50	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-4308 Composite of 1 Sand Perch Specimen (collected on 5/5/11)	12.00	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-4022 Composite of 4 Red Porgy Specimens (collected on 5/6/11)	7.90	<1.0	<0.75	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-4023 Composite of 4 Red Porgy Specimens (collected on 5/6/11)	8.90	<1.0	2.2	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3
	Chemical Test 133-4024 Composite of 3 Red Snapper Specimens (collected on 5/6/11)	11.00	<1.0	2.9	<1.4	<4.1	<0.72	<0.59	<1.1	<1.1	<0.58	<0.67	<2.5	<5.3

<sup>1</sup> Derivation of Levels of Concern is contained in the NOAA-FDA Opening Protocol

Diethyl sodium sulfosuccinate (DOSS) Level of Concern (100 ppm) for Finfish - Chemistry results below this level are considered safe.

Grid	Sample Label	CHEMISTRY RESULTS (parts per million)
		DOSS
	Chemical Test 133-4303 Composite of 1 Southern Hake Specimen (collected on 5/2/11)	<0.045
	Chemical Test 133-4304 Composite of 1 Sand Perch Specimen (collected on 5/3/11)	<0.045
	Chemical Test 133-4305 Composite of 3 Atlantic Croaker Specimens (collected on 5/5/11)	<0.045
C-26	Chemical Test 133-4306 Composite of 1 Great Northern Tilefish Specimen (collected on 5/5/11)	<0.045
	Chemical Test 133-4307 Composite of 1 Blackline Tilefish Specimen (collected on 5/5/11)	<0.044
	Chemical Test 133-4308 Composite of 1 Sand Perch Specimen (collected on 5/5/11)	<0.044
	Chemical Test 133-4022 Composite of 4 Red Porgy Specimens (collected on 5/6/11)	<0.045
	Chemical Test 133-4023 Composite of 4 Red Porgy Specimens (collected on 5/6/11)	<0.045
	Chemical Test 133-4024 Composite of 3 Red Snapper Specimens (collected on 5/6/11)	<0.045