Analytical Services:

Surveillance sampling and analytical testing is performed to verify the effectiveness of existing process control measures and assure that USDC inspected seafood is safe, wholesome, and properly labeled. In the event that routine oversight reveals a deficiency in sanitation, process controls and/or product, additional laboratory testing may be warranted.

In response to program participant suggestions, the Seafood Inspection Program agrees to accept the results of analytical tests from private laboratories at the option of the participating firm provided that overall results will be provided both to the Seafood Inspection Program and the National Seafood Inspection Laboratory. Moreover, the private laboratory must meet the reporting requirements in the Food and Drug Administration's Office of Regulatory Affairs; Volume III Laboratory Operations, Applications and Programs; Section 7, Private Laboratory Guidance, Effective 10/01/2003 and revised 06/27/2008. The Seafood Inspection Program also reduced the schedule of sampling for verification purposes for several commodities that had low rates of analytical problems.

The new fiscal year rate reflects the exclusion of analytical testing services from the Program's cost structure. All surveillance sampling and analytical testing can be expected to incur specific charges to the individual firm based on the fees delineated under this section, or quoted by outside laboratories.

The Program will also continue to provide analytical services upon request at the rates quoted in this memorandum. In the event that the analytical test is not performed by the Seafood Inspection Program, the rate charged by the laboratory performing the test will be applied. Charges based upon these fees will be in addition to any hourly rates charged for inspection service.

ANALYSES	ROUTINE METHODS of ANALYSES	PRICE Per SAMPLE
Chemistry		
Ammonia	AOAC Official Method **999.01** Volatile Bases in Fish Ammonia Ion Selective Electrode Method	$85
Chloramphenicol	R-Biopharm Ridascreen ELISA Method (FDA Recognized)	$112
Domoic acid	AOAC Official Method **991.26** Domoic Acid in Mussels Liquid Chromatographic Method	$123
Histamine	Neogen Alert® Histamine Screening Test	$56
Histamine	AOAC Official Method **977.13** Histamine in Seafood Fluorometric Method	$169
Indole	AOAC Official Method **948.17** Indole in Crabmeat, Oysters, and Shrimp Colorimetric Method	$123
Isoelectric focusing (species Identification)	AOAC Official Method **980.16** Identification of Fish Species Thin-Layer Polyacrylamide Gel Isoelectric Focusing Method	$187
Methyl mercury	AOAC Official Method **988.11** Mercury (Methyl) in Fish and Shellfish Rapid Gas Chromatographic Method	$337
Moisture	Ohaus Moisture Balance	$33
Moisture	AOAC Official Method **950.46**, Moisture in Meat	$56
Nitrofuran	R-Biopharm Ridascreen ELISA Method (FDA Recognized)	$112
Sulfites	AOAC Official Method **990.28**, Sulfites in Foods, Optimized Monier-Williams Method	$118
Sulfites	Neogen Corporation ALERT Sulfites Detection Kit,	$56

	Product # 9500	
Total mercury (direct mercury analyzer)	EPA Method 7473: Mercury in Solids and Solutions by Thermal Decomposition, Amalgamation, and Atomic Absorption Spectrophotometry	$45
Microbiology		
Total aerobic plate counts	FDA – BAM, Chapter 3	$21
	AOAC Official Method **2000.07**, Simplate Total Plate Count – Color Indicator (TPC-CI) Method	$40
Coliforms	FDA – BAM, Chapter 4 (Presumptive)	$17
	FDA – BAM, Chapter 4 (Confirmed)	$17
	FDA – BAM, Chapter 4 (*E. coli*)	$17
	AOAC Official Method **2005.03**, Simplate Total Coliform and *E. coli* – Color Indicator (TCEC-CI) Method	$40
Enterobacteriaceae	AOAC Official Method **2003.01**, Enumeration of *Enterobacteriaceae* in Selected Foods: Petrifilm™ *Enterobacteriaceae* Count Plate Method	$20
Listeria	AOAC Research Institute Performance Tested Certificate # 960701, Oxoid Test Method (Presumptive)	$85
	AFNOR Performance Tested Certificate # CHR-21/1-12/01, Bio-Chrome *Listeria* Plate Method (Confirmation)	$40
	FDA – BAM, Chapter 10 (Confirmation)	$47
Staphylococci aureus	FDA - BAM Bio-chrome Baird-Parker Plate Method	$40
	FDA - BAM Chapter 10, MPN Method	$61
Salmonella	FDA - BAM, TECRA Immunoassay or ARS Method Step 1 Isolation and Rapid ID Step 2 Biochemical Screening Step 3 Serology and Additional Screening Step 4 Additional Confirmation	 $45 $20 $35 $22

If you have any questions or comments or would like additional laboratory services, please call or fax John M. Tennyson, Ph.D. at (228) 762-7402 ext. 123 or (228) 762-7144 or email at john.tennyson@noaa.gov.

Notes on Analytical Services: For other analyses not shown, the Program will try to: (1) identify a governmental or private laboratory with recognized capabilities and (2) establish the charges that will be assessed by that laboratory. Where possible, the National Seafood Inspection Laboratory will communicate this information to the applicant for their concurrence prior to sampling the product or submitting the samples for testing.