



## **Analytical Testing of Seafood**

### **Melamine, Fluoroquinolones, Nitrofurans, Malachite Green and Gentian Violet in Imported Seafood for Customs Release Testing**

#### **EXPERIENCE**

**ADPEN Laboratories Inc.** is a contract laboratory with 20 years of providing excellent analytical food safety support to the food industry. We are a world leader in food safety testing. We analyze for:

- **melamine**
- **nitrofurans**
- **chloramphenicol**
- **fluoroquinolones**
- **gentian violet**
- **malachite green**
- **chemical contaminants**

and other antibiotics by LC/MS/MS. Quantitation levels range from 0.3 ppb and up depending on the type of seafood sample, compound and requirements.

LC/MS/MS instrumentation provides the highest levels of sensitivity and is used to avoid duplication of testing when confirmation is needed. This saves time by conducting only determining and confirmatory analysis. The methods we employ are validated and approved FDA methods or validated methods developed at ADPEN.



#### **CUSTOMS, FDA DETAINED AND QUALITY CONTROL TESTING**

For imported detained foods, an independent sample collector will be used to collect 12 representative (reps) samples from each lot. For quality control products, similar collection practices should be employed. These samples are properly labeled, sealed and a sample collection form is used to document the collection. The samples are maintained frozen and sent for testing by overnight carrier with dry ice. Testing of detained samples is then done using LC/MS/MS. ADPEN can arrange for collection of the samples at any port of entry. An official report and/or a Certificate of Analysis will be provided as required.

#### **COMPLIANCE**

- FDA
- USDA
- EU Guidelines
- GLP/cGMP

#### **Is your catfish really CATFISH?**

- Inquire about species identification testing.

#### **ADPEN Laboratories Inc.**

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for more information about our testing capabilities.