Testing Method Recommendations for Filth in Breaded Shrimp on IA 16-35

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**Please note, this recommendation is intended to provide supplemental general information to private laboratories on methods of analysis and test portion sizes of breaded shrimp. This document does not outline all the analytical method or worksheet requirements for packages being submitted for FDA review. **

Please refer to the current FDA Laboratory Manual, Volume III, Section 7 for comprehensive information on private laboratory package requirements and the review process:
https://www.fda.gov/media/73540/download

Product information:
Using the LIB 3172 method (Rapid Procedure for the Examination of Shrimp for Filth) on breaded shrimp will produce plates that make it difficult to identify the extracted filth elements, due to the breading background. It would be best to remove the breading from the shrimp as this would result in cleaner plates, which would make reading the plates easier. That step also removes potential filth from the shrimp. The recommended method for breaded shrimp removes the breading from the shrimp to be analyzed using a method more suitable for light filth in breading of frozen food products. Therefore, the shrimp does not need to be analyzed.

Analytical Protocol:
Samples should consist of at least six subsamples, each with a minimum of 2 pounds, for official analysis.

Sample Methods:

Perform this in order:
First: Partially thaw product at room temperature. To keep breading dry for weighing, do not place product in water to thaw. Remove the breading from the product.
Second: Use either of the below methods

1) LIB 1613 Modification Of Official Methods For The Analysis Of (Frozen) Breaded Foods
Or
2) AOAC 975.46 Light Filth in Breading of Frozen Food Products. Begin at fourth paragraph “Weigh 50 g …”

If there is an issue with getting 50 grams of breading from the product, then request additional product.
Note: The shrimp are not analyzed. Only the breading is analyzed.

Count all filth elements and report findings according to AOAC 970.66. Note that other extraneous materials (e.g., fibers, paint chips, etc.) need to be described and reported by type and appropriate quantitative figure.

Quality Assurance:
Laboratory must follow the methodology specified in the private laboratory package submission. Any method modifications or deviations to the cited method must be explained and validation must be documented.

FDA does not endorse any private laboratory firms, nor requires specific methods to be used for Private Laboratory Analytical Packages (PLAPs). Information herein is provided as a courtesy, but private laboratories are not required to use them. The requirements state the method should be locally validated and should adequately identify and or quantitate the violative analyte(s). The information herein may also provide supplementary sampling, method information and/or sample preparation information to assist private laboratories who are analyzing products being held under Detention Without Physical Examination (DWPE) as part of an Import Alert to assist private laboratories with submitting scientifically sounds PLAPS as testimony pursuant to FD&C Act section 801 and 21 CFR 1.94 or FD&C Act section 422(b) and 21 CFR 1.1107.