Laboratory Guidebook
Notice of Change

New, revised, or archived: CLG-FAT Appendix 1.00

Title: Flow Chart Specific for FSIS Laboratory Quantitation of Fat

Effective Date: 08/28/23

Description and purpose of change: None
Flow Chart Specific for FSIS Laboratory Quantitation of Fat

Business Days 1 2
Sample Arrives at Laboratory for Fat Extraction and Analysis

Receive food products from establishments.
Prepare homogenized sample from fresh meat, processed products and poultry.
Weigh sample for fat extraction

Analyze and extract for fat (up to 16 hours)

Business Day 3
Process Data and Report Results

Non-regulatory sample greater than or equal to the MLA

Results of regulated product are compared to FSIS regulations and MLA

If fat level is less than the MLA

Not Reportable

If fat level is greater than or equal to the MLA, and if the result fails to meet the regulatory threshold

Non-Acceptable

If fat level is greater than or equal to the MLA, and if the result meets the regulatory threshold

Acceptable

Acronym Table
1. FSIS - Food Safety and Inspection Service
2. MLA - Minimum Level of Applicability

Definition Table
1) MLA - The minimum level at which a method has been successfully validated for a residue in each matrix.
2) Regulatory sample – A product sample analyzed to check compliance with legal requirements.
3) Non-regulatory sample - an example is a proficiency testing sample.