

Directive

9180.54

May 1, 1997

**FEES AND BILLING FOR CANOLA: OIL CONTENT AND
GAS CHROMATOGRAPHIC DETERMINATIONS OF GLUCOSINOLATES
AND ERUCIC ACID**

Contents

1. PURPOSE.....	2
2. REPLACEMENT HIGHLIGHTS.....	2
3. BACKGROUND.....	2
4. PROCEDURES.....	2
5. ANALYSIS TIME.....	2
6. SAMPLE PREPARATION AND MAILING	3

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1. PURPOSE

This directive provides information pertaining to fees and billing procedures for specific canola testing services. These services include determinations for oil content and gas chromatographic determinations of glucosinolates and erucic acid.

2. REPLACEMENT HIGHLIGHTS

This directive supersedes FGIS Program Directive 918.54, dated 6-28-96. This directive is updated to reflect organizational changes, new numbering system, and new format but does not revise policy.

3. BACKGROUND

The Federal Grain Inspection Service (FGIS) published in the January 19, 1992, Federal Register (57 FR 3271) a final rule establishing U.S. Standards for Canola under the authority of the U.S. Grain Standards Act, as amended (USGSA). The standards and inspection procedures were effective as of February 28, 1992.

4. PROCEDURES

As detailed in book II, Chapter 3, Canola, of the Grain Inspection Handbook, field offices and official agencies will determine many factors onsite.

Three factors (oil content, gas chromatographic determinations of glucosinolates, and erucic acid) must be performed in a specially equipped laboratory. When an applicant requests oil content, glucosinolates, erucic acid, or any combination of these factors, submit samples to:

Technical Services Division
USDA, GIPSA, FGIS Technical Center
10383 North Executive Hills Blvd.
Kansas City, MO 64153-1394
Tel: (816) 891-0464
Fax: (816) 891-8070

5. ANALYSIS TIME

The total analysis times for oil, erucic acid, and glucosinolates are lengthy and may require up to 8 or more hours. The approximate "hands-on times" are as follows:

Glucosinolates: 6.5 hours

Erucic Acid : 4.5 hours

Oil: 0.5 hours

6. SAMPLE PREPARATION AND MAILING

- a. Sample Preparation. Service points will send the appropriate sample portion (approximately 50 or 300 grams, depending upon the analysis to be performed) to TSD as prescribed in section 4 above.

Include the following information with the sample:

- (1) Analysis required,
- (2) Sample identification,
- (3) Field office and/or official agency, and
- (4) Date mailed.

Place the sample portion in a moisture-proof plastic bag (6-mil) and securely close or seal the bag. Place the sample and sample ticket inside a canvas mailing bag. Do not place the sample ticket inside the plastic bag in direct contact with the sample.

- b. Mailing Instructions. Indicate on the package the analyses to be performed by the laboratory.

Samples should be mailed at the expense of the field office or agency sending the sample. FGIS Business Reply Mail is not appropriate for this purpose.

/s/David Orr

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Field Management Division