

Commission Directive of 25 July 1980 relating to the Community method of analysis for determining the erucic acid content in oils and fats intended to be used as such for human consumption and foodstuffs containing added oils or fats (80/891/EEC) (repealed)

Article 1 .....  
Article 2 .....  
Article 3 .....  
Article 4 .....  
Signature

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ANNEX

THE DETERMINATION OF THE ERUCIC ACID CONTENT IN OILS AND FATS INTENDED TO BE USED AS SUCH FOR HUMAN CONSUMPTION AND IN THE FAT OR OIL COMPONENT OF FOODSTUFFS TO WHICH OILS OR FATS HAVE BEEN ADDED

I. INTRODUCTION

1. SAMPLE PREPARATION

- 1.1. General
- 1.2. Preparation of the sample for analysis in the laboratory
- 1.3. Containers

2. REAGENTS

- 2.1. Water
  - 2.1.1. ....
  - 2.1.2. ....
- 2.2. Chemicals

3. APPARATUS

- 3.1. List of apparatus
- 3.2. Analytical balance

4. EXPRESSION OF THE RESULTS

- 4.1. Results
- 4.2. Calculation of the percentage
- 4.3. Number of significant figures

II. DETERMINATION OF ERUCIC ACID

1. SCOPE AND FIELD OF APPLICATION

2. DEFINITION

3. PRINCIPLE

4. REAGENTS

- 4.1. ....
- 4.2. ....
- 4.3. ....
- 4.4. ....
- 4.5. ....
- 4.6. ....

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- 4.7. ....
- 4.8. ....
- 4.9. ....
- 5. APPARATUS
  - 5.1. Apparatus for thin-layer chromatography to include, in particular:
  - 5.2. ....
- 6. PROCEDURE
  - 6.1. Preparation of fatty-acid methyl esters
  - 6.2. Thin-layer chromatography
    - 6.2.1. Preparation of plates
    - 6.2.2. Application of methyl esters
    - 6.2.3. Development of the plates
    - 6.2.4. Separation of the methyl ester fractions
  - 6.3. Gas-liquid chromatography
    - 6.3.1. ....
    - 6.3.2. Obtain from the electronic integrator the following peak areas:
- 7. EXPRESSION OF RESULTS
  - 7.1. Method of calculation and formula
    - 7.1.1. The erucic acid content of the sample, expressed in terms...
    - 7.1.2. If peak areas are obtained in percentages the values for...
    - 7.1.3. The method of calculation (7.1.1) assumes that the level of...