

ISO/TS 22115:2021 (E)

Animal and vegetable fats and oils — Separation of lipid classes by capillary gas chromatography (fingerprint method)

Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Reagents
6	Apparatus
7	Sample
7.1	Sampling
7.2	Preparation of test sample
8	Procedure
8.1	Preparation of the internal standard, tridecanoylglycerol (5.2.5), c = 20 mg/ml
8.2	Preparation of the individual standard solutions for determination of response factors
8.3	Silylation of the standards
8.4	Preparation of the sample
8.5	Sample solution
8.6	Silylation of the sample
8.7	Gas chromatography
8.8	Peak identification and integration
9	Result of the determination
9.1	Calculation of the response factor
9.2	Quantitative determination
10	Precision of the method
10.1	Interlaboratory test
10.2	Repeatability
10.3	Reproducibility
11	Test report
Annex A	(informative) Typical chromatograms
Annex B	(informative) Results of an interlaboratory test

Page count: 22