

# ISO 12871:2019 (E)

## Olive oils and olive-pomace oils — Determination of aliphatic and triterpenic alcohols content by capillary gas chromatography

---

### Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Reagents
6	Apparatus
7	Sampling
8	Preparation of the test sample
9	Procedure
9.1	Preparation of the unsaponifiable matter
9.2	Separation of alcoholic fractions
9.3	Preparation of the trimethylsilyl ethers
9.4	Gas chromatographic analysis
9.4.1	Preliminary operations and column packing
9.4.2	Operating conditions
9.4.3	Analytical procedure
9.4.4	Peak identification
9.4.5	Quantitative evaluation
10	Precision
10.1	Interlaboratory test
10.2	Repeatability
10.3	Reproducibility
11	Test report
Annex A	(informative) Thin-layer chromatography separation example and chromatogram examples
Annex B	(informative) Results of an interlaboratory test

Page count: 13