

ISO 12228-2:2014-10 (E)

Determination of individual and total sterols contents - Gas chromatographic method - Part 2: Olive oils and olive pomace oils

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Reagents	2
6	Apparatus	3
7	Sample	4
7.1	Sampling	4
7.2	Preparation of the test sample	4
8	Procedure	4
8.1	Test portion	4
8.2	Preparation of unsaponifiable matter	4
8.3	Separation of the sterol and triterpene dialcohols (erythrodiol, uvaol) fractions by TLC	5
8.4	Preparation of the trimethylsilyl ethers	6
8.5	Gas chromatographic analysis	6
9	Expression of results	7
9.1	Quantitative evaluation	7
9.2	Determination of the total sterol content	8
9.3	Composition of sterols	8
9.4	Composition of triterpene dialcohols	8
10	Precision	9
10.1	Interlaboratory test	9
10.2	Repeatability limit, r	9
10.3	Reproducibility limit, R	9
11	Test report	9
Annex A (informative) Figures		10
Annex B (informative) Interlaborative trial		13
Bibliography		16