

ISO/TS 19046-1:2017-05 (E)

Cheese - Determination of propionic acid level by chromatography - Part 1: Method by gas chromatography

Contents		Page
Forewords		iv
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Principle		1
5 Reagents		1
6 Apparatus		2
7 Sampling		3
8 Preparation of test sample		4
9 Procedure		4
9.1 Extraction system.....		4
9.2 Preparation of the soap.....		4
9.3 Quantitative determination by gas chromatography.....		4
9.3.1 Calculation of response factor.....		4
9.3.2 Determination of the test portion.....		5
10 Calculation and expression of results		5
10.1 Calculation of propionic acid in cheese.....		5
10.2 Expression of results.....		5
11 Precision		5
11.1 Interlaboratory test.....		5
11.2 Repeatability.....		5
12 Test report		6
Annex A (informative) Example of extraction system		7
Annex B (informative) Example of GC chromatogram		8
Annex C (informative) Interlaboratory test		9
Bibliography		10