

# ISO/TS 19046-2:2017-05 (E)

## Cheese - Determination of propionic acid level by chromatography - Part 2: Method by ion exchange chromatography

---

<b>Contents</b>		Page
<b>Forewords</b> .....		<b>iv</b>
<b>1 Scope</b> .....		<b>1</b>
<b>2 Normative references</b> .....		<b>1</b>
<b>3 Terms and definitions</b> .....		<b>1</b>
<b>4 Principle</b> .....		<b>1</b>
<b>5 Reagents</b> .....		<b>1</b>
<b>6 Apparatus</b> .....		<b>2</b>
<b>7 Sampling</b> .....		<b>3</b>
<b>8 Preparation of test sample</b> .....		<b>3</b>
<b>9 Quantitative determination by HPLC</b> .....		<b>3</b>
9.1 Calibration .....		<b>3</b>
9.2 Sample test .....		<b>3</b>
<b>10 Calculation and expression of results</b> .....		<b>4</b>
10.1 Calculation of propionic acid in cheese .....		<b>4</b>
10.2 Expression of results .....		<b>4</b>
<b>11 Precision</b> .....		<b>4</b>
11.1 Interlaboratory test .....		<b>4</b>
11.2 Repeatability .....		<b>4</b>
<b>12 Test report</b> .....		<b>4</b>
<b>Annex A (informative) Example of HPLC chromatogram</b> .....		<b>5</b>
<b>Annex B (informative) Interlaboratory test</b> .....		<b>6</b>
<b>Bibliography</b> .....		<b>7</b>