

# ISO 5764:2009-05 (E)

Milk — Determination of freezing point — Thermistor cryoscope method (Reference method)

---

<b>Contents</b>	<b>Page</b>
Foreword.....	iv
Foreword.....	v
1 Scope .....	1
2 Normative references .....	1
3 Terms and definitions .....	1
4 Principle .....	2
5 Reagents .....	2
6 Apparatus .....	3
7 Sampling .....	4
8 Calibration of the thermistor cryoscope .....	4
9 Preparation of test sample.....	5
9.1 Preparation .....	5
9.2 Sample condition .....	6
10 Procedure .....	6
10.1 Preliminary checks .....	6
10.2 Routine calibration check .....	6
10.3 Determination.....	6
11 Calculation and expression of results.....	7
11.1 Calculation.....	7
11.2 Expression of results .....	7
12 Precision .....	7
12.1 Interlaboratory test .....	7
12.2 Repeatability.....	7
12.3 Reproducibility.....	7
13 Test report .....	8
Annex A (informative) Interlaboratory trial on bovine milk.....	9
Annex B (informative) Interlaboratory trial on raw ovine and caprine milk .....	11
Annex C (informative) Guidelines for the application of routine thermistor cryoscope methods .....	13
Annex D (informative) Adjustment of the freezing point value used as the reference for genuine milk.....	16
Bibliography .....	17