

# DIN EN ISO 14637:2007-03 (E)

## Milk - Determination of urea content - Enzymatic method using difference in pH (Reference method) (ISO 14637:2004)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	5
2	Terms and definitions .....	5
3	Principle .....	5
4	Reagents .....	5
5	Apparatus .....	6
6	Sampling .....	7
7	Preparation of test sample .....	7
8	Procedure .....	7
8.1	General .....	7
8.2	Blank determination .....	7
8.3	Calibration .....	8
8.4	Checking the calibration .....	9
8.5	Determination .....	9
8.6	Checking the stability .....	9
8.7	Checking the contamination of the electrodes .....	9
8.8	Cleaning procedure .....	9
9	Maintenance of the electrodes .....	9
9.1	Regeneration .....	9
9.2	Strong regeneration .....	10
10	Calculation and expression of results .....	10
10.1	Calculation .....	10
10.2	Expression of results .....	10
11	Precision .....	10
11.1	Interlaboratory tests .....	10
11.2	Repeatability .....	10
11.3	Reproducibility .....	11
12	Test report .....	11
Annex A (informative) Differential pH apparatus .....		12
Annex B (informative) Interlaboratory tests .....		13
Bibliography .....		15