

DIN EN ISO 14637:2007-03 (E)

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

Contents		Page
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