

ISO 11816-2:2016-08 (E)

Milk and milk products - Determination of alkaline phosphatase activity - Part 2: Fluorimetric method for cheese

Contents	Page
Forewords	iv
1 Scope	1
2 Normative reference	1
3 Terms and definitions	1
4 Principle	1
5 Reagents	2
6 Apparatus	3
7 Sampling	4
8 Preparation of test sample	4
9 Procedure	4
9.1 Verification of instrument performance	4
9.1.1 General	4
9.1.2 Daily instrument tests	5
9.1.3 Controls	5
9.2 Reagent controls to test the suitability of ready to use working substrate (5.3)	5
9.3 Calibration	6
9.4 Determination	6
9.5 Test sample related controls	7
9.5.1 Recommended negative and positive control tests	7
9.5.2 Interfering substance test	8
9.5.3 Heat-stable microbial alkaline phosphatase control test	8
10 Calculation and expression of results	8
10.1 Calibration ratio	8
10.2 Calculation	9
10.2.1 Supernatant	9
10.2.2 Cheese	9
10.3 Expression of results	10
11 Precision	10
11.1 Interlaboratory test	10
11.2 Repeatability	10
11.3 Reproducibility	10
12 Test report	10
Annex A (informative) Interlaboratory trial	11
Annex B (informative) Examples of preparation of a test sample	13
Bibliography	15