

ISO 11816-1:2013-11 (E)

Milk and milk products - Determination of alkaline phosphatase activity - Part 1: Fluorimetric method for milk and milk-based drinks

| Contents | | Page |
|--|--|-------------|
| Foreword | | v |
| 1 | Scope | 1 |
| 2 | Terms and definitions | 1 |
| 3 | Principle | 1 |
| 4 | Reagents | 1 |
| 5 | Apparatus | 2 |
| 6 | Sampling | 3 |
| 7 | Preparations | 3 |
| 7.1 | Alkaline phosphatase-free milk | 3 |
| 7.2 | Preparation of test sample | 4 |
| 8 | Procedure | 4 |
| 8.1 | Verification of instrument performance | 4 |
| 8.2 | Reagent controls to test the suitability of ready-to-use working substrate (4.3) | 5 |
| 8.3 | Calibration | 5 |
| 8.4 | Determination | 6 |
| 8.5 | Test sample-related controls | 6 |
| 9 | Calculation and expression of results | 7 |
| 9.1 | Calibration ratio | 7 |
| 9.2 | Calculation | 8 |
| 9.3 | Expression of test results | 8 |
| 10 | Precision | 8 |
| 10.1 | Collaborative test | 8 |
| 10.2 | Repeatability | 8 |
| 10.3 | Reproducibility | 8 |
| 11 | Test report | 9 |
| Annex A (informative) Collaborative trials | | 10 |
| Bibliography | | 13 |