

SCHEDULE 11**Regulation 10****METHODS OF ANALYSIS**

1. The reference methods for the analysis and testing of dairy products in order to ascertain if they meet the requirements specified in Schedules 3, 4, 5 and 6 shall be those specified in the following paragraphs of this Schedule.

2. in relation to raw milk and heat-treated milk, the methods shall be those specified in Commission Decision 91/180/EEC(1) for the following—

- (a) enumeration of micro-organisms—plate count at 30°C;
- (b) enumeration of somatic cells in cows' milk;
- (c) determination of phosphatase activity in cows' milk;
- (d) determination of peroxidase activity in cow's milk;
- (e) detection of pathogenic micro-organisms;
- (f) enumeration of coliforms—colony count at 30°C; and
- (g) enumeration of micro-organisms—plate count at 21°C.

3. In relation to milk-based products, the test for enumeration of micro-organisms—plate count at 30°C shall be the method specified in IDF Standard 100B: 1991; Milk and milk products—micro-organisms—colony count at 30°C.

4. In relation to milk-based products, the test for enumeration of coliforms shall be the method specified in ISO 5541 Part 2 1986: Milk and milk products—Part 2; Most probable number technique at 30°C.

5. In relation to the following tests, the methods for the analysis and testing shall be those specified below—

<i>Test</i>	<i>Method</i>
(a) Enumeration of <i>Staphylococcus aureus</i>	Provisional IDF Standard 145: 1990; Milk and milk-based products. Enumeration of <i>Staphylococcus aureus</i> in products other than dried milk-Colony count technique at 37°C.
(b) Enumeration of <i>Staphylococcus aureus</i> in powdered milk	Provisional IDF Standard 138: 1986; Dried Milk. Enumeration of <i>Staphylococcus aureus</i> . Colony count technique at 37°C.
(c) Detection of <i>Salmonella</i> spp	ISO 6597: 1993; Microbiology— General guidance on methods for the detection of <i>Salmonella</i> and IDF Standard 93A: 1985; sample preparation.
(d) Detection of <i>Listeria monocytogenes</i>	ISO 10560: 1993; Milk and milk products— Detection of <i>Listeria monocytogenes</i> .
(e) Enumeration of <i>Escherichia coli</i> in milk-based products	Provisional IDF standard 170: 1994. Milk and milk products—Enumeration of presumptive <i>Escherichia coli</i> content by: (i) Most probable number technique.

(1) OJ NO. L93, 13.4.91, p.1.

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<i>Test</i>	<i>Method</i>
	(ii) most probable number technique with use of 4-methylumbelliferyl β -D-glucuronide (MUG).
	(iii) Colony count technique at 44°C using membranes.
(f) Detection of phosphatase (Residual) in cream	AOAC official method 950.41: Official Methods of Analysis, 16th edition: 1995.
(g) Detection of phosphatase (Reactivated and Residual) in cream	AOAC official method 965.27: Official Methods of Analysis, 16th edition: 1995.

6. any other internationally accepted analysis and test method as referred to in Article 20(1) of Council Directive 92/46 shall be recognised as a reference method.

7. In this Schedule—

“IDF standard” means a standard of the International Dairy Federation;

“ISO” means a standard of the International Organisation for Standardisation; and

“AOAC” means the Association of Official Analytical Chemists.