

ISO 27105:2016-04 (E)

Milk and cheese - Determination of hen's egg white lysozyme content by high performance liquid chromatography

Contents		Page
Forewords		iv
Introduction		vi
1	Scope	1
2	Terms and definitions	1
3	Principle	1
4	Reagents and reference substances	1
	4.1 Reagents and materials	1
	4.2 Lysozyme	2
5	Apparatus	2
6	Sampling	3
7	Procedure	3
	7.1 Preparation of lysozyme standard solution	3
	7.1.1 Lysozyme standard stock solution	3
	7.1.2 Lysozyme standard working solution	3
	7.2 Test portion	3
	7.2.1 Milk	3
	7.2.2 Cheese	3
	7.2.3 Preparation of test solution	3
	7.3 HPLC determination	4
	7.3.1 Chromatographic conditions	4
8	Calculation and expression of results	5
	8.1 Single-point calibration	5
	8.2 Expression of results	6
9	Precision	6
	9.1 Interlaboratory test	6
	9.2 Repeatability	6
	9.3 Reproducibility	6
10	Test report	6
	Annex A (informative) Verification by LC/MS	8
	Annex B (informative) Interlaboratory test	10
	Bibliography	11