

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