

ISO 21415-2:2015-10 (E)

Wheat and wheat flour - Gluten content - Part 2: Determination of wet gluten and gluten index by mechanical means

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Terms and definitions	1
3 Principle	1
4 Reagents	1
5 Apparatus	2
6 Sampling	3
7 Preparation of test sample	3
8 Procedure	3
8.1 General	3
8.2 Testing	3
8.3 Paste preparation	3
8.4 Paste washing	4
8.4.1 Detection of starch	4
8.4.2 Flour	4
8.4.3 Ground wheat	4
8.4.4 Special case	4
8.5 Spinning and weighing the wet gluten	4
8.6 Determining the gluten index	4
8.7 Number of measurements	5
9 Calculations and record of results	5
10 Precision	5
10.1 Interlaboratory tests	5
10.2 Repeatability	6
10.3 Reproducibility	6
10.4 Critical difference	6
10.4.1 Comparison of two sets of measurements in the same laboratory	6
10.4.2 Comparison of two sets of measurements in two laboratories	7
11 Test report	7
Annex A (informative) Washing chamber and mill of the Glutomatic unit and centrifuge	8
Annex B (normative) Preparation of ground wheat	11
Annex C (informative) Results of interlaboratory tests	12
Bibliography	15