

ISO 11085:2015-09 (E)

Cereals, cereals-based products and animal feeding stuffs - Determination of crude fat and total fat content by the Randall e xtraction method

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Reagents	2
6	Apparatus	2
7	Sampling	3
8	Procedure	3
8.1	Preparation of the test sample	3
8.2	Test portion	3
8.3	Preliminary extraction	3
8.4	Hydrolysis	4
8.4.1	General	4
8.4.2	Hydrolysis with apparatus I (6.2)	4
8.4.3	Hydrolysis with apparatus II (6.3)	4
8.5	Extraction	5
9	Calculation and expression of results	6
9.1	Determination with preliminary extraction	6
9.2	Determination without preliminary extraction	6
10	Precision	6
10.1	Interlaboratory test	6
10.2	Repeatability	6
10.3	Reproducibility	7
10.4	Critical difference	7
10.4.1	General	7
10.4.2	Comparison of two groups of measurements in one laboratory	7
10.4.3	Comparison of two groups of measurements in two laboratories	7
10.5	Measurement uncertainty	8
11	Test report	8
Annex A (informative) Results of an interlaboratory test		9
Annex B (informative) Comparison of fat contents for the samples used in the interlaboratory test		14
Bibliography		16