

ISO 7971-3:2019 (E)

Cereals — Determination of bulk density, called mass per hectolitre — Part 3: Routine method

Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Apparatus
6	Procedure
6.1	General
6.2	Hand-operated instruments
6.3	Automatic instruments
6.4	Expression of results
7	Precision
7.1	Interlaboratory trial
7.2	Repeatability
7.3	Reproducibility
7.4	Comparison of two groups of measurements in one laboratory
7.5	Comparison of two groups of measurements in two laboratories
7.6	Uncertainty
8	Test report
Annex A	(informative) Description of dimensions and use of KERN1 1 This is an example of a suitable product available commercially. This information is given for the convenience of users of this document and does not constitute an endorsement by ISO of the product named. Equivalent products may be used if they can be shown to lead to the same results.
A.1	Dimensions of the apparatus
A.1.1	General
A.1.2	Pre-filling measure
A.1.3	Filling hopper
A.1.4	Piston
A.1.5	Measuring container
A.1.6	Base plate
A.1.7	Straightedge (levelling blade)
A.2	Specifications of the apparatus
A.3	Determination
A.4	Expression of results
Annex B	(informative) Description of dimensions and use of Nilema litre2 2 Example of a suitable product available commercially. This information is given for the convenience of users of this document and does not constitute an endorsement by ISO of the product named. Equivalent products may be used if they can be shown to give the same results.
B.1	Dimensions of the apparatus
B.2	Specifications of the apparatus
B.3	Determination
B.4	Expression of results
Annex C	(informative) Results of interlaboratory tests