International Standard 4707

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Cork — Stoppers — Sampling for inspection of dimensional characteristics

Liège — Bouchons — Échantillonnage en vue du contrôle des caractéristiques dimensionnelles

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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

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It has been approved by the member bodies of the following countries:

Australia	Romania
Egypt, Arab Rep. of	South Africa, Rep. of
France	United Kingdom
Italy	USSR
Portugal	

No member body expressed disapproval of the document.

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Cork — Stoppers — Sampling for inspection of dimensional characteristics

1 Scope

This International Standard specifies a method for sampling cork stoppers.

2 Field of application

This International Standard is to be applied when sampling cork stoppers to inspect their dimensional characteristics.

3 Definitions

3.1 batch, lot[1] : A definite quantity of some commodity manufactured or produced under conditions which are presumed uniform.

3.2 consignment[1] : A quantity of some commodity delivered at one time. The consignment may consist of one or more lots or parts of lots.

3.3 order[1] : A quantity of a commodity ordered at one time from one producer. An order may consist of one or more consignments.

3.4 item : A stopper which belongs either to a lot or to a consignment, whichever applies.

3.5 increment : An item taken with a view to making up a bulk sample.

3.6 bulk sample[1] : An aggregation of increments.

3.7 acceptable quality level (AQL)[1]: A quality level which in a sampling plan corresponds to a specified but relatively high probability of acceptance.

4 Sampling

4.1 Selection of items

The bulk sample shall be taken from 5 % of the packages chosen at random, and from at least three packages. The items shall be taken in equal numbers from each package and shall be representative of the different parts of the package.

4.2 Sample size and acceptable quality level

The size of the sample shall conform to the lot size. The maximum for a lot is 1 t.

The acceptable quality level (AQL), from a dimensional point of view, shall be chosen by agreement between the client and the supplier from the following table.

Table

Lot size	Bulk sample size	Acceptable quality level from a dimensional point of view					
		1,5		2,5		4	
		Ac**	Re***	Ac	Re	Ac	Re
3 201 to 10 000	200	7	8	10	11	14	15
10 001 to 35 000	315	10	11	14	15	21	22
35 001 to 150 000*	500	14	15	21	22	21	22

* Consignments shall be examined in batches not greater than 150 000.

** Ac = acceptance number

*** Re = rejection number

1) Definition taken from ISO 3534, *Statistics — Vocabulary and symbols*.