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Eggs-in-shell for processing

PUBLIC REVIEW DRAFT



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National foreword

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Draft Uganda Standards adopted by the Technical Committee are widely circulated to stakeholders and the general public for comments. The committee reviews the comments before recommending the draft standards for approval and declaration as Uganda Standards by the National Standards Council.

This Draft Uganda Standard, DUS DARS 1200:2022, *Eggs-in-shell for processing*, is identical with and is being reproduced from an African Standard, DARS 1200:2022, *Eggs-in-shell for processing*, and is proposed for adoption as a Uganda Standard.

The committee responsible for this document is Technical Committee UNBS/ TC 214, *Poultry and poultry products*.

Wherever the words, "African Standard" appear, they should be replaced by "Uganda Standard".

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Eggs-in-shell for processing — Specification

Public Review Draft for comments only — Not to be cited as African Standard



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Foreword

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This African Standard was prepared by **ARSO/TC 07, Meat, poultry, eggs and related products**.

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Introduction

This Draft African standard on shell eggs for industry aims to facilitate economic exchanges between countries and will contribute to the availability of quality products for the African population. It will contribute to the development of this sector in African countries.

Public Review Draft for comments only — Not to be cited as African Standard

Eggs-in-shell for processing — Specification”

1 Scope

This draft African Standard specifies safety and quality requirements, sampling and test methods for hen egg-in-shell for processing

2 Normative references

There are no normative references in this document.

3 Terms and Definitions

For the purpose of this standard the following definitions shall apply:

3.1

eggs for processing

hen eggs-in-shell suitable for human consumption, intended for processing for the food industry

3.2

Class "C" eggs

eggs for processing or "Class C eggs", shall be eggs which are fit for human consumption but do not meet the requirements for Class A or Class B eggs set out in the standard concerning the marketing and quality control of eggs-in-shell for direct consumption.

3.3

incubated eggs

are eggs which have been inserted in the incubator even for one day

3.4

commodity lot

eggs of one quality class and weight grade packed in uniform containers, from one packing plant, loaded on to one means of transportation, and presented once for control purposes

3.5

Liquid egg product:

Eggs after breaking, filtration and cooling below +5C

3.6

Dried egg product

Result of drying chicken hens eggs after pasteurization of the liquid egg whatever it is whole , yolk , or albumin.

4 Quality requirements

4.1 Classification

4.1.1 Eggs for processing or "Class C eggs", shall be eggs which are fit for human consumption but which do not meet the requirements for Class A or Class B eggs set out in the standard concerning the marketing and quality control of fresh eggs-in-shell for direct consumption.

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4.1.2 Incubated eggs may be graded under the above class provided they shall:

- (a) be marked according to the provisions of 8.1(iii) before insertion in the incubator;
- (b) not be fertile and be absolutely clear when candled;
- (c) have air space not exceeding a height of 9 mm;
- (d) have not" remained for more than 5 days in the incubator;
- (e) be produced from chicken which haven't been treated with natural or artificial hormones
- (f) be intended for use in a processing plant manufacturing pasteurized eggs products.
- (g) Eggs obtained from chicken that have been treated with antibiotics shall be used only after drugs withdrawal period

5 Provisions concerning sizing — Grades by weight

Eggs shall be graded into the following weight grades: 1, 2, 3, 4, 5, 6, 7.

Weight Grade a	Weight of eggs in grams b	Minimum weight of 100 eggs in kg c	Minimum weight of 360 eggs in kg d
1	70 and over	7.0	25.20
2	65 to 70	6.6	23.76
3	60 to 65	6.1	21.96
4	55 to 60	5.6	20.16
5	50 to 55	5.1	18.36
6	45 to 50	4.6	16.36
7	less than 45	no net minimum	weight laid down

6 Packaging, transport and storage

- (i) Packages, including inner packing material must be shock resistant, dry, clean and in good repair and made of materials which protect the eggs from extraneous odour and the risk of quality deterioration.
- (ii) Packs, used for transporting and despatching eggs, including inner packing material, shall not be re-used unless they are as new and meet the technical hygiene requirements of paragraph 1. Re-used packs, must not bear any previous marking likely to lead to confusion.
- (iii) Eggs must be stored in clean, dry premises, free of extraneous odour.
- (iv) Eggs in transport must be kept clean, dry and free of extraneous odour and effectively protected from shocks, weather and the effect of light.
- (v) Eggs in store and in transport must be protected from extremes of temperature.

7 marking

7.1 Marking of eggs

- (i) Except where the countries concerned agree otherwise eggs shall carry the name of the country of origin in roman letters.

- (ii) Eggs for processing (Class "C") except for cracked eggs shall bear a distinguishing mark on the shell showing their quality class.

The distinguishing mark for the quality "eggs for processing" shall be the letter "C" in roman type at least 5 mm high in a circle of at least 12 mm in diameter.

- (iii) The marking of incubated eggs shall consist of a five-pointed star in a circle the diameter of which shall be not less than 12 mm. The star and the circle shall be red.
- (iv) The marking of eggs shall be clear, indelible, in red colour and be resistant to heat. The product used shall comply with the provisions in force in respect of colouring matters which may be used in foodstuffs intended for human consumption.

7.2 Marking of packages

- (i) The following information visibly printed on a label or closing device in roman letters shall be placed over the closure or closures of the package so that the label is destroyed on opening and shall contain the following data:

- (a) country of origin;
- (b) packer and/or dispatcher - name, address or where countries concerned agree, an officially accepted code mark;
- (c) quality class;
- (d) net weight;
- (e) expiration date
- (f) storage conditions
- (g) Colour of egg shell
- (h) size of eggs

- (i) identification number of commodity lot being sent.

In addition when the eggs have been graded by weight, the weight grade may be given.

Packages containing incubated eggs should be marked:

"INCUBATED EGGS FOR THE FOOD PROCESSING INDUSTRY"

in block capital letters, 2 cm high, in one or more languages.

Other eggs for processing should be marked:

"EGGS FOR THE FOOD PROCESSING INDUSTRY"

in block capital letters, 2 cm high, in one or more languages.

- (ii) Furthermore, in case of transport by sea the inscription "TOP" should be placed in the centre of the lid of the large package or on one of the cardboard flaps parallel to the longer side. At the request of the buyer, additional marking of transportation packagings is permissible.

Bibliography

Regulations Governing the Voluntary Grading of Shell Eggs, 7 CFR Part 56, Effective March 30, 2008

United States Standards, Grades, and Weight Classes for Shell Eggs, AMS 56, Effective July 20, 2000

UNECE EP 43:1976/1994, *Eggs-in-shell for processing*

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