

IS 9800 : 1993

भारतीय मानक

मांस एवं मांस उत्पाद — एक दिन का चूजा —
बुनियादी मांग

(पहला पुनरीक्षण)

Indian Standard

MEAT AND MEAT PRODUCTS — DAY-OLD
CHICKS (LAYERS AND BROILERS)
BASIC REQUIREMENTS

(*First Revision*)

UDC 637.52/58

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BUREAU OF INDIAN STANDARDS
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July 1993

Price Group 1

FOREWORD

This Indian Standard was adopted by the Bureau of Indian Standards, after the draft finalized by the Meat Industry Sectional Committee had been approved by the Food and Agriculture Division Council.

Day-old chicks are sold in large numbers to the farmers by various poultry breeding agencies. However, any under-size or under-mass and defective chicks may affect the economics of the poultry farming and may act as a disincentive to a farmer. This standard has been formulated with a view to defining the requirements of day old layer and broiler chicks.

This standard is being revised in order to update it in the light of technological advancement and the experience gained in the field over the years. In this revision, the requirements for mass of chicks, the physical condition and diseases of the chicks have also been modified.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the results of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

MEAT AND MEAT PRODUCTS — DAY-OLD CHICKS (LAYERS AND BROILERS) BASIC REQUIREMENTS

*(First Revision)***1 SCOPE**

1.1 This standard lays down basic requirements for day-old chicks (layers and broilers).

2 REFERENCES

2.1 The following Indian Standard is necessary adjunct to this standard:

| <i>IS No.</i> | <i>Title</i> |
|---------------------------|--|
| 8539 (Part 1) : 1977 | Terminology of meat products and meat animals: Part 1 Poultry |

3 TERMINOLOGY

3.1 For the purpose of this standard, the definitions given in IS 8539 (Part 1) : 1977 shall apply.

4 REQUIREMENTS**4.1 Mass of Chicks**

The minimum mass of day-old chicks, when weighed within 24 hours after hatching, shall be as follows:

- a) Layers = 32 g, and
- b) Broilers = 38 g.

4.2 Physical Condition

The chicks shall be healthy, alert and free from the following physical defects:

- a) Star gazing condition,
- b) Head shaking,
- c) Ruffled feathers,

- d) Wet or sticky feathers,
- e) Deformed beak,
- f) Drooping wings,
- g) Curly toes,
- h) Blindness of either one eye or both eyes,
- j) Pastyvent,
- k) Large abdomen and unhealed navel, and
- m) Any other physical deformity.

4.3 Percentage of Males

In layer chicks sex error shall not be more than 2 percent.

4.4 Veterinarian Immunity Certificate

If vaccinated, a certificate to this effect shall be given by a qualified veterinarian.

4.5 Diseases

The chicks shall be free from following diseases:

- a) *Aspergillosis*,
- b) *Bronchitis*,
- c) *Colibacillosis*,
- d) *Salmonellosis*,
- e) *Mycoplasmosis*,
- f) *Paratyphoid*, and
- g) *Viral encephalomyelitis*.

5 SAMPLING AND TESTS

5.1 All the chicks shall be subjected to the tests for various characteristics specified in **4.1** to **4.5**.

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Doc : No. FAD 7 (87)

Amendments Issued Since Publication

| Amend No. | Date of Issue | Text Affected |
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