

(PREVIEW)

IS : 5654 (Part 1) - 1970

Indian Standard

SPECIFICATION FOR FEEDS FOR LABORATORY ANIMALS

PART I RATS AND MICE

1 SCOPE

1.1 This standard (Part I) prescribes the requirements and the methods of sampling and test for feeds for laboratory rats and mice.

FOREWORD

0.1 This Indian Standard (Part I) was adopted by the Indian Standards Institution on 16 June 1970, after the draft finalized by the Animal Feeds Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 Various kinds of laboratory animals, such as rats, guinea pigs, hamsters, rabbits and monkeys are finding an increasing use in modern biological research and testing of various drugs and pesticides. The animals maintained in the stock-colonies thrive and reproduce efficiently when fed on proper diet which is also necessary to ensure that the animals are free from pathogens. A series of Indian Standards is, therefore, being formulated to ensure availability of compounded feeds of suitable quality for feeding different laboratory animals. It is expected that these standards would be of assistance to the rapidly developing laboratory animal feeds industry.

0.3 The fungus *Aspergillus flavus* generally associated with groundnuts and oilcakes produces aflatoxin, the presence of which in laboratory animal feeds might affect the health of these animals thereby affecting results of the experiments in which they have been used. It is, therefore, recommended that the users while procuring feeds for their use should ensure that their aflatoxin content is within safe limits.

0.4 Indian Standard codes of practice dealing with other aspects, such as care, breeding and management of laboratory animals, are being prepared separately. However, Indian Standards for compounded feeds for various laboratory animals are complementary to these codes.

0.5 The 'Indian Standard specification for feeds for laboratory animals' will be issued in several parts. This part (Part I) covers the requirements for the feeds for rats and mice. Specification covering the requirements for feeds for other laboratory animals are under preparation.

0.6 For or the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS : 2 - 1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

*Rules for rounding off numerical values (revised).