

Indian Standard

METHODS OF TESTS FOR ANIMAL FEEDS AND FEEDING STUFFS

PART II MINERALS AND TRACE ELEMENTS

1. SCOPE

1.1 This standard (Part II) prescribes methods for determination of minerals and trace elements in animal feeds, feeding stuffs and feed supplements.

FOREWORD

0.1 This Indian Standard (Part II) was adopted by the Indian Standards Institution on 28 November 1975, after the draft finalized by the Animal Feeds Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 The importance of adoption of standard and uniform methods of analysis for quality control purposes need no emphasis. Such methods not only help in reducing divergence in the analytical results but also ensure and enable a proper comparison and correct interpretation of the test results.

0.3 During the past decade a large number of Indian Standards covering a wide range of animal feeds, feeding stuffs and feed supplements have been issued and many more are envisaged to be formulated. All these standards include methods of tests that are common. It was, therefore, considered desirable to have all test methods in a consolidated form as applicable to the whole range of animal feeds, feeding stuffs and supplements. It was felt that such a step would not only facilitate easy reference but also prevent undue repetition. Accordingly, this standard is being issued.

0.4 It is intended to issue this standard in three parts. Part I covers general methods such as determination of moisture, crude protein, crude fat, crude fibre, total ash, acid insoluble ash, castor husk and *MAHUA* cake. This standard will cover methods for determining minerals and trace elements, and Part III covers the microbiological methods.

0.5 This edition 1.2 incorporates Amendment No. 1 (March 1993) and Amendment No. 2 (March 2006). Side bar indicates modification of the text as the result of incorporation of the amendments.

0.6 In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS : 2-1960*.

*Rules for rounding off numerical values (*revised*).