

(PREVIEW)

IS : 6092 (Part 4) - 1985

Indian Standard

METHODS OF SAMPLING AND TEST FOR FERTILIZERS

PART 4 DETERMINATION OF POTASSIUM

(First Revision)

1 SCOPE

1.1 This standard (Part 4) prescribes the methods for determination of potassium in its various forms in fertilizers, including fertilizer mixtures.

FOREWORD

0.1 This Indian Standard (Part 4) (First Revision) was adopted by the Indian Standards Institution on 29 January 1985, after the draft finalized by the Fertilizers Sectional Committee had been approved by the Petroleum, Coal and Related Products Division Council.

0.2 This standard was first published in 1971. Taking into consideration the views of the manufacturers, testing authorities and the technologists, the Sectional Committee decided to revise this standard and felt that the methods of test should be related to those routinely used in the industrial and fertilizer testing laboratories.

0.3 In the present revision the 'sodium tetraphenylboron (STPB)' volumetric method is given as a referee method and sodium tetraphenylboron 'gravimetric' method as an alternate referee method and shall be used in case of any dispute. The other two methods, namely, 'perchloric acid' and 'flame photometric methods' shall be used as alternate methods.