

(PREVIEW)

Indian Standard

ANIMAL FEEDING STUFFS — DETERMINATION OF RESIDUES OF ORGANOPHOSPHORUS PESTICIDES — GAS CHROMATOGRAPHIC METHOD

1 Scope

This International Standard specifies a gas chromatographic method for the determination of the residues of organophosphorus pesticides in animal feeding stuffs.

The method is applicable to animal feeding stuffs containing residues of one or more of the following organophosphorus pesticides: azinphos-ethyl, azinphos-methyl, bromophos, carbophenothion, chlorpyrifos, chlorpyrifos-methyl, diazinon, dimethoate, ethion, fonofos, malathion, methidathion, parathion, parathion-methyl, pirimiphos-ethyl and pirimiphos-methyl.

The lower limit of determination for these organophosphorus pesticides is 0,01 µg/g.

NOTE The method is probably equally applicable to other organophosphorus pesticides such as methacrifos and fenitrothion, but it has not been validated for these pesticides.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative documents referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 3696, *Water for analytical laboratory use — Specification and test methods*.

ISO 6498, *Animal feeding stuffs — Preparation of test samples*.