

(PREVIEW)

Indian Standard

ANIMAL FEEDING STUFFS — DETERMINATION OF FURAZOLIDONE CONTENT — METHOD USING HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY

1 Scope

This International Standard specifies a high-performance liquid chromatographic (HPLC) method for the determination of the furazolidone content of premixtures and animal feeding stuffs.

The method is applicable to animal feeding stuffs with a furazolidone content of 25 mg/kg to 5 000 mg/kg and to premixtures with a mass fraction of furazolidone of up to 20 % [formerly written as 20 % (*m/m*)].

NOTE 1 For animal feeding stuffs, the furazolidone content is expressed in milligrams per kilogram; for premixtures, as a mass fraction in percent [% (*m/m*)].

NOTE 2 Furazolidone is a chemotherapeuticum belonging to the group of nitrofuranes. Nitrofuranes are bacteriostatic or bactericidal against Gram-positive and Gram-negative microorganisms and against some moulds and protozoa.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 6498:1998, *Animal feeding stuffs — Preparation of test sample*.