

ISO 14183:2005-11 (E)

Animal feeding stuffs - Determination of monensin, narasin and salinomycin contents - Liquid chromatographic method using post-column derivatization

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Principle	1
4	Reagents	1
5	Apparatus	4
6	Sampling	5
7	Preparation of test sample	5
8	Procedure	6
8.1	Preparation of quality control sample	6
8.2	Extraction	6
8.3	HPLC analysis	7
8.4	Determination	8
9	HPLC confirmation	9
9.1	General	9
9.2	Post-column derivatization with DMAB	9
9.3	Hexane extraction	10
10	Calculation of results	10
10.1	General	10
10.2	Monensin	10
10.3	Salinomycin	11
10.4	Narasin	12
10.5	Interpretation of confirmation data	13
11	Precision	14
11.1	Interlaboratory test	14
11.2	Repeatability	14
11.3	Reproducibility	14
11.4	Limit of quantitation	15
12	Test report	15
Annex A (informative) Results of interlaboratory test		16
Bibliography		21