

This is a preview of "ISO 6498:2012". [Click here to purchase the full version from the ANSI store.](#)

Third edition
2012-06-01

Animal feeding stuffs — Guidelines for sample preparation

Aliments des animaux — Lignes directrices pour la préparation des échantillons



Reference number
ISO 6498:2012(E)

© ISO 2012

This is a preview of "ISO 6498:2012". [Click here to purchase the full version from the ANSI store.](#)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

This is a preview of "ISO 6498:2012". Click here to purchase the full version from the ANSI store.

Contents

Page

Foreword	iv
1 Scope	1
2 Terms and definitions	1
2.1 Definitions concerning "sample"	1
2.2 Definitions concerning "parameters"	2
2.3 Examples of animal feeding stuffs characteristics	3
2.4 Definitions concerning "sample preparation procedure"	5
3 Principle	6
4 Consideration of sample preparation errors	7
4.1 Subsampling and other errors	7
4.2 Minimum mass	8
4.3 Errors associated with division techniques	9
5 Safety precautions	10
6 Apparatus	10
7 Procedure	12
7.1 General	12
7.2 Sample check	12
7.3 Mass reduction	14
7.4 Particle size reduction	17
7.5 Partial drying	20
7.6 Coarse grinding	22
7.7 Special sample preparation procedures	22
7.8 Storage	22
8 Performance tests (quality control)	22
8.1 General	22
8.2 Performance test for mass reduction (division)	23
8.3 Performance test for particle size reduction (grinding)	24
8.4 Performance test for mixing	25
9 Categories of feeds — Special remarks and flow charts	25
9.1 General	25
9.2 Birdseed	26
9.3 Whole cottonseed	27
9.4 Mineral mix	29
9.5 Dry feeds	29
9.6 Forages including silage, hay, haylage, TMR and byproducts	30
9.7 Oilseeds and high-fat feeds	32
9.8 Large block and molasses block feeds	33
9.9 Liquid feeds	35
9.10 Canned pet food	35
9.11 Semi-moist pet food and dog chews	36
9.12 Premixtures	37
9.13 Range and alfalfa hay pellets	38
9.14 Texturized and sticky feed	39
9.15 Aquatic feeds	40
Annex A (informative) Calculations, examples and tables for minimum mass	42
Bibliography	46

This is a preview of "ISO 6498:2012". [Click here to purchase the full version from the ANSI store.](#)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 6498 was prepared by the European Committee for Standardization (CEN) Technical Committee TC 327, *Animal feeding stuffs — Methods of sampling and analysis*, in collaboration with ISO Technical Committee TC 34, *Food products*, Subcommittee SC 10, *Animal feeding stuffs*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 6498:1998), which has been technically revised.