

ISBN 978-0-626-35881-5

**SANS 909:2018**

Edition 1

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Pet food — Nutritional and manufacturing requirements**

**WARNING**

**This document references other documents normatively.**

---

Published by the South African Bureau of Standards  
1 Dr Lategan Road Groenkloof ☒ Private Bag X191 Pretoria 0001  
Tel: +27 12 428 7911 Fax: +27 12 344 1568

[www.sabs.co.za](http://www.sabs.co.za)

© SABS

**SABS**

---

This page has been left blank intentionally



## **COPYRIGHT PROTECTED DOCUMENT**

© SABS

In terms of the Standards Act 8 of 2008, the copyright in all South African National Standards or any other publications published by the SABS Standards Division, vests in the SABS. Any use of South African National Standards is limited to use specifically prescribed by the SABS. In the case of a South African National Standard based on an international standard, ownership of the copyright vests in the organization from which the SABS adopted the standard, whether it be under licence or membership agreement. The SABS is obliged to protect such copyright and is authorized to make the relevant international organization aware of any misuse thereof. Unless exemption has been granted, no extract or full text of any South African National Standard may be copied, reproduced, stored in a retrieval system or transmitted in any form or by any means without prior written permission from the SABS Standards Division. This does not preclude the free use, in the course of implementing the standard, of necessary details such as symbols, and size, type or grade designations. If these details are to be used for any purpose other than implementation, prior written permission must be obtained.

Details, advice and limitations of use can be obtained from the Manager: Standards Sales and Information Services. Tel: +27 (0) 12 428 6883 email: [sales@sabs.co.za](mailto:sales@sabs.co.za)

### **SABS – Standards Division**

The objective of the SABS Standards Division is to develop, promote and maintain South African National Standards. This objective is incorporated in the Standards Act, 2008 (Act No. 8 of 2008).

The SABS continuously strives to improve the quality of its products and services and would therefore be grateful if anyone finding an inaccuracy or ambiguity while using this standard would inform the secretary of the technical committee responsible, the identity of which can be found in the foreword.

### **Buying Standards**

Contact the Sales Office for South African and international standards, which are available in both electronic and hard copy format. Tel: +27 (0) 12 428 6883 email: [sales@sabs.co.za](mailto:sales@sabs.co.za)

South African National Standards are also available online from the SABS Webstore [www.store.sabs.co.za](http://www.store.sabs.co.za)

### **Information on Standards**

SABS Customer Services provide comprehensive standards-related information on national, regional and international standards. Tel: +27 (0) 12 428 7911 / 0861 27 7227 email: [info@sabs.co.za](mailto:info@sabs.co.za)

**SANS 909:2018**  
Edition 1

**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>

**Acknowledgement**

The South African Bureau of Standards wishes to acknowledge the valuable assistance derived from publications of the following organizations:

Association of American Feed Control Officials (AAFCO); and

National Research Council (NRC) of the United States National Academy of Science.

**Foreword**

This South African standard was prepared by National Committee SABS/TC 034/SC 13, *Food products – Pet food*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in March 2018.

Reference is made in 5.1.9, 5.2.2(c), 7.4.2, 7.4.3, 7.4.4, 7.4.5, 7.4.6, the note 1 to table A.1 and the note 1 to table B.1 to the "relevant national legislation". In South Africa this means the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No. 36 of 1947).

Reference is made in 8.1.3 to the "relevant national legislation". In South Africa this means the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972).

Reference is made in 8.2.6 to the "relevant national legislation". In South Africa this means Consumer Protection Act, 2008 (Act No. 68 of 2008).

Annex A, B, C, D, E, F, G, H, I and J form an integral part of this document.

**Compliance with this document cannot confer immunity from legal obligations.**

## Contents

	Page
Acknowledgement	
Foreword	
<b>1</b> Scope .....	3
<b>2</b> Normative references .....	3
<b>3</b> Definitions .....	3
<b>4</b> Requirements for quality and safety – Good manufacturing practice (GMP) .....	5
<b>5</b> Nutritional requirements for pet food .....	6
<b>5.1</b> Complete pet food .....	6
<b>5.2</b> Complementary pet food .....	7
<b>6</b> Control of non-conformity and verification of unsafe product .....	7
<b>7</b> Test requirements for pet food .....	7
<b>7.1</b> Tolerance and certificate of analysis .....	7
<b>7.2</b> Chemical analysis of major nutrients in pet food .....	8
<b>7.3</b> Additional chemical analysis of complete pet food for nutritional adequacy (dog and cat only) .....	8
<b>7.4</b> Microbiological analysis of dry pet food .....	9
<b>8</b> Marking and labelling .....	9
<b>Annex A</b> (normative) Nutrient requirements for complete dog food per kilogram dry matter (DM) .....	16
<b>Annex B</b> (normative) Nutrient requirements for complete cat food per kilogram dry matter (DM) .....	19
<b>Annex C</b> (normative) Additional chemical analysis for complete pet food validation (dog and cat food only) .....	22
<b>Annex D</b> (normative) Requirements to substantiate urinary tract health claims for adult and senior cats .....	23
<b>Annex E</b> (normative) Calculation of energy value of pet food .....	24
<b>Annex F</b> (normative) Energy requirements for dogs and cats .....	26
<b>Annex G</b> (normative) Prohibited substances .....	27
<b>Annex H</b> (normative) Acceptable analytical variation and sampling variation for moisture, protein, fat, fibre, ash, calcium, phosphorus, sodium, chloride, potassium, magnesium and sulfur .....	28