



MALAYSIAN STANDARD

MS 1001:2002

SPECIFICATION FOR DRIED CHILLIES IN GROUND (POWDERED) FORM (FIRST REVISION)

ICS: 67.220.10

Descriptors: ground dried chillies, requirements, test method, capsaicin content, Scoville index

© Copyright

DEPARTMENT OF STANDARDS MALAYSIA

DEVELOPMENT OF MALAYSIAN STANDARDS

The **Department of Standards Malaysia (DSM)** is the national standardisation and accreditation body.

The main function of the Department is to foster and promote standards, standardisation and accreditation as a means of advancing the national economy, promoting industrial efficiency and development, benefiting the health and safety of the public, protecting the consumers, facilitating domestic and international trade and furthering international cooperation in relation to standards and standardisation.

Malaysian Standards are developed through consensus by committees which comprise of balanced representation of producers, users, consumers and others with relevant interests, as may be appropriate to the subject in hand. These standards where appropriate are adoption of international standards. Approval of a standard as a Malaysian Standard is governed by the Standards of Malaysia Act 1996 (Act 549). Malaysian Standards are reviewed periodically. The use of Malaysian Standards is voluntary except in so far as they are made mandatory by regulatory authorities by means of regulations, local by-laws or any other similar ways.

The Department of Standards appoints **SIRIM Berhad** as the agent to develop Malaysian Standards. The Department also appoints SIRIM Berhad as the agent for distribution and sale of Malaysian Standards.

For further information on Malaysian Standards, please contact:

Department of Standards Malaysia
Level 1 & 2, Block C4, Parcel C
Federal Government Administrative Centre
62502 Putrajaya
Malaysia

OR

SIRIM Berhad
1, Persiaran Dato' Menteri
P.O. Box 7035, Section 2
40911 Shah Alam
Selangor D.E.

Tel: 60 3 88858000
Fax: 60 3 88885060
<http://www.dsm.gov.my>

Tel: 60 3 5544 6000
Fax: 60 3 5510 8095
<http://www.sirim.my>

Email: central@dsm.gov.my

CONTENTS

		Page
	Committee representation	ii
	Foreword	iii
1	Scope	1
2	Referenced document	1
3	Descriptions	1
4	Requirements	1
5	Hygiene	3
6	Sampling	3
7	Packing and marking	3
8	Legal requirements	3
9	Compliance	4
10	Certification mark	4
 Tables		
1	Requirements for ground (powdered) chillies	2
B1	Guidelines for preparing dilution	10
 Appendices		
A	Determination of capsaicin content: Method using high performance liquid chromatography	5
B	Determination of Scoville index	9
C	Choice of taste panelist and constitution of the panel	12
D	Recommendations relating to storage and transport conditions	13

MS 1001:2002

Committee representation

The Food and Agricultural Industry Standards Committee (ISC A) under whose supervision this Malaysian Standard was developed, comprises representatives from the following organisations:

Department of Agriculture
Department of Standards Malaysia
Education and Research Association for Consumers Malaysia
Federal Agricultural Marketing Authority
Federation of Malaysian Manufacturers
Malaysian Agricultural Research and Development Institute
Malaysian Palm Oil Association
Ministry of Agriculture
Ministry of Health
Universiti Kebangsaan Malaysia
Universiti Putra Malaysia

The Technical Committee on Spices and Condiments which developed this Malaysian Standard consists of representatives from the following organisations:

Department of Agriculture
Federal Agricultural Marketing Authority
Malaysian Agricultural Research and Development Institute
Pepper Marketing Board
SIRIM Berhad (Secretariat)
SIRIM QAS Sdn Bhd
Universiti Kebangsaan Malaysia
Universiti Putra Malaysia

Co-opted members:

Adabi Consumer Industries Sdn Bhd
Baba Products (M) Sdn Bhd

FOREWORD

This Malaysian Standard was developed by the Technical Committee on Spices and Condiments under the authority of the Food and Agricultural Industry Standards Committee.

This Malaysian Standard is the first revision of MS 1001, 'Specification for ground dried chillies', which was published in 1986.

During the development of this standard, reference was made to the following standards:

- a) ISO 972:1997 - Chillies and capsicum, whole or ground (powdered) - Specification;
- b) ISO 7543-2:1993 - Chillies and chilli oleoresins- Determination of total capsaicinoid content - Part 2: Method using high-performance liquid chromatography; and
- c) ISO 3513:1995 - Chillies - Determination of Scoville index.

However, this standard is not technically equivalent to the above standards.

The major changes featured in this revision are as follows:

- a) the requirement for acid-insoluble ash has been changed from a maximum of 1.25 % to a maximum of 1.3 %;
- b) the requirement for total nitrogen requirement has been deleted;
- c) the requirement for lead content has been incorporated; and
- d) the test method for determination of capsaicin content has been changed from spectrophotometric method to HPLC method.

This revised Malaysian Standard cancels and replaces MS 1001:1986, 'Specification for ground dried chillies'.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

