
MALAYSIAN STANDARD

MS 1282 : PART 8 : 1995
ICS 67.220.10

SPECIFICATION FOR FOOD ADDITIVES
PART 8 : COLOURING SUBSTANCE



STANDARDS & INDUSTRIAL RESEARCH INSTITUTE OF MALAYSIA

© Copyright

Preview Only

This Malaysian Standard, which had been approved by the Food and Agricultural Industry Standards Committee and endorsed by the Board of the Standards and Industrial Research Institute of Malaysia (SIRIM) was published under the authority of the SIRIM Board in August, 1995.

SIRIM wished to draw attention to the fact that this Malaysian Standard does not purport to include all the necessary provisions of a contract.

The Malaysian Standards are subject to periodical review to keep abreast of progress in the industries concerned. Suggestions for improvements will be recorded and in due course brought to the notice of the Committees charged with the revision of the standards to which they refer.

The following references relate to the work on this standard:

Committee reference: SIRIM 481/2/22

Draft for comment: D346 (ISC A)

Amendments issued since publication

Amd. No	Date of issue	Text affected

CONTENTS

	Page
Committee representation.....	(iii)
Foreword.....	(iv)
1 Scope.....	1
2 Definitions.....	1
3 Quality requirements.....	1
4 List of colouring substance.....	1
4.1 Annatto extracts.....	1
4.2 β -Apo-8'-carotenal.....	2
4.3 Brilliant black PN.....	3
4.4 Brilliant blue FCF.....	3
4.5 Brown HT.....	4
4.6 Canthaxanthin.....	4
4.7 Caramel.....	5
4.8 Carmine.....	6
4.9 Carmoisine.....	6
4.10 Carotene.....	7
4.10.1 Carotenes (vegetable).....	8
4.10.2 Carotenes (aglae).....	8
4.11 Fast Green FCF.....	9
4.12 Erythrosine.....	10
4.13 Indigotine.....	10
4.14 Iron oxides.....	11
4.15 Ponceau 4R.....	12
4.16 Sunset yellow FCF.....	12
4.17 Titanium dioxide.....	13
4.18 Tartrazine.....	14
4.19 Curcumins.....	14
4.19.1 Curcumin.....	14
4.19.2 Turmeric.....	15
5 Hygiene.....	15
6 Labelling and marking.....	15
7 Legal requirement.....	16
8 Sampling.....	16
9 Methods of test.....	16
10 Quality of reagents.....	16
11 Compliance.....	16

Committee representation

The Food and Agricultural Industry Standards Committee under those supervision this Malaysian Standard was prepared, comprises representatives from the following Government Ministries, trade, commerce and manufacturer association and scientific and professional bodies.

Federal Agricultural Marketing Authority

Federation of Malaysian Consumer's Association

Federation of Malaysian Manufacturers

Malaysian Agricultural Research and Development Institute

Ministry of Agriculture

Department of Agriculture

Malaysian Oil Palm Growers' Council

Rubber Research Institute of Malaysia

Universiti Pertanian Malaysia

The Working Group on Food Additives which prepared this Malaysian Standard consists of the following representatives:

Cik Zahara Merican (Chairperson)	Malaysian Agricultural Research and Development Institute
Dr. Abdul Salam Babji/Dr. Aminah Abdullah	Universiti Kebangsaan Malaysia
Dr. Suhaila Mohamed	Universiti Pertanian Malaysia
Puan Noraini Dato' Othman	Ministry of Health
Encik Teo Beng Leong	Nestle Foods Product (M) Sdn. Bhd.
Cik Linda Boey	Yeo Hiap Seng (M) Sdn. Bhd.
Cik Ong Puay Hioh	Damah Trading Sdn. Bhd.
Cik Mary Ngu Toh Ing (Secretary)	Standards and Industrial Research Institute of Malaysia

FOREWORD

This Malaysian Standard was prepared by the Working Group on Food Additives under the authority of the Food and Agricultural Industry Standards Committee.

This standard is intended chiefly to cover the technical specifications of colouring substance as listed in the Malaysian Food Regulations 1985. The existence of the standard would serve to prevent the usage of harmful chemicals and also provide guidelines on the product for the buyer and seller of the food additives, thereby, facilitating trade in the Food Processing Industry.

The listed colouring substances mentioned in this standard may be quickly referred by the International Numbering System (INS) as stated at the end of each individual colouring substance.

In the preparation of this standard, the following documents were referred to:

- (1) Malaysian Food Regulations, 1985.
- (2) British Pharmacopoeia 1980, Volumes I and II, published on the recommendation of the Medicines Commission pursuant to the Medicines Act 1980, printed England for Her Majesty's Stationary Office at The University Cambridge England.
- (3) FAO Food and Nutrition Paper, 'Specification for identity and purity of certain food additives' from the 30th Session of the Joint FAO/WHO Expert Committee on Food Additives. Rome 2-11 June 1986.
- (4) Joint FAO/WHO Food Standards Programme Codex Alimentarius Division 3 Food Additives (abridged version).
- (5) Food Chemical Codex. Third edition (1981) published by the National Academy Press Washington D.C.
- (6) The Pharmaceutical Codex. Eleventh edition (1981) prepared in the Department of Pharmaceutical Sciences of the Pharmaceutical Society of Great Britain published by the Pharmaceutical Press.
- (7) United States Pharmacopoeia XXII edition (1989). National Formulary XVII (Twenty-second revision) published by the United States Pharmacopoeial Convention, Inc., 12601. Twinbrook Parkway, Rockwell MD 20852.

This standard is to be used in conjunction with the following standards:

- (1) MS 567. Code of practice for sampling procedures and tables for inspection by attributes. Part 1 : Establishers sampling plans and procedures for inspection by attributes.
- (2) MS 567. Code of practice for sampling procedures and tables for inspection by attributes. Part 2 : Guide to Part 1.