

GHEE GRADING AND MARKING RULES.

1. Short title and application:- (1) These Rules may be called the Ghee Grading and Marking Rules, 1938.

(2) They shall apply to ghee produced in India.

2. Definitions:- In these rules, unless the context otherwise requires :-

- (1) "Agricultural marketing adviser" means the Agricultural Marketing Adviser to the Government of India;
- (2) "Authorised Packer" means a person or a body of persons who has been granted a certificate of authorisation to grade and mark the commodity in accordance with the grade standards and procedure specified under these rules;
- (3) "Certificate of authorisation" means a certificate in prescribed Proforma issued under the General Grading and Marking Rules, 1988 authorizing a person or body of persons to grade and mark an article with grade designation marks;
- (4) "Schedule" means a schedule appended to these rules.

2A : Grade designations:- Grade designations to Indicate the quality of ghee are as set out in column 1 of schedule I.

3. Definition of quality :- The quality Indicated by the grade designation is set out against such designations in columns 2 to 4 of Schedule-I and in Schedule III-A or III-B or III-C provided that whenever the Agricultural Marketing Adviser to the Government of India is satisfied that the ghee produced in any particular area, district or region, though pure, does not correspond to the normal physical and chemical constants of ghee as set out in Schedule III-A or III-B or III-C, he may fix such special characteristics as may be considered necessary after suitable examination of the ghee of the particular area, district or region and incorporate the same in the Certificate of Authorisation issued under the General Grading and Marking Rules, 1988.

4. Grade designation marks- The grade designation mark shall consist of :

- (1) A label specifying the name of the commodity, grade designation and bearing a design consisting of an outline map of India with the word "AGMARK" and the figure of rising sun with the words produce of India and resembling the design as set out in schedule II; or
- (ii) "Agmark Replica" consisting of a design incorporating the number of certificate of authorisation, the word "AGMARK" name of the commodity and grade designation and resembling the design as set out in Schedule II A provided that the use of Agmark Replica in lieu of Agmark labels shall be allowed only to such authorised packers who have been granted permission, on application in writing, by the Agricultural Marketing Adviser or an Officer authorised in this behalf and subject to the conditions specified in sub-rules (3) to (6) of rule 10 of the General Grading and Marking Rules, 1988.

5. Marking Provisions :-

- (1) The grade designation mark in the form of label shall be securely affixed to each sealed container of ghee in a manner as specified from time to time
- (2) The grade designation mark in the form of replica shall be clearly an indelibly printed or embossed on such containers as permitted by the Agricultural Marketing Adviser or an officer authorised in this regard, and in a manner as specified from time to time.
- (3) In addition to the grade designation mark, each container shall be clearly marked with the following particulars namely :-
 - (i) Name of the packer
 - (ii) C.A. Number
 - (iii) Place of Packing
 - (iv) Melt No.
 - (v) Date of Packing*
 - (vi) Net Weight

*N.B. The date of Packing shall be the date of completion of analysis of the samples.

6. Method of Packing :-

- (1) The ghee shall be packed hygienically in clean, sound and new tins with or without lacquering inside or clean glass bottles or clean, sound and new food grade plastic containers; Provided that the use of such plastic containers shall have the approval of Agricultural Marketing Adviser or an officer authorised in the behalf regarding the suitability of the packing material for food contact applications with specific reference to ghee.
- (2) The glass bottles, if returned by the consumers, may be used again for packing ghee after proper cleaning and disinfection;
- (3) The container of ghee shall not be composed, whether wholly or part, of any poisonous or deleterious substance which renders the contents injurious to health;
- (4) The container shall be free from insect infestation, fungus contamination or any obnoxious and undesirable smell;
- (5) Each package shall contain ghee of one melt only;
- (6) Each container shall be securely closed and sealed in a manner as specified from time to time;
- (7) Net weight of ghee packed in container shall be in accordance with the standard sizes or units of packing as prescribed under the relevant instruction."

7. Special conditions of certificate of authorisation : In addition to the condition specified in rule 3(8) of the General Grading and Marking Rules, 1988, the conditions set out in schedule IV shall be conditions of every certificate of authorisation issued for the purpose of these rules.

Substituted vide amendment published in the Gazette of India Part II, Section 3, Sub-Section (ii) dated 4-4-1981 at (S.O. 1101) dated 17/3/1981

SCHEDULE I

(See Rules 2 A and 3)

Grade designation and definition of quality of ghee.

Grade Designation	Definition of quality		
	Texture*	Color	General
1	2	3	4
Special	The solid phase shall be of well defined granular structures.	White with or without yellowish or greenish tint, and shall be uniform throughout	The ghee @ shall be pure, clarified milk fat only and shall have a natural, sweet, pleasant odour, agreeable taste and free from rancid or other objectionable flavor. The ghee shall be free from excess moisture and on melting it shall be clear, transparent and free from sediment or foreign coloring matter. The phenolphthalein test, the phytosterol acetate test and tests for the presence of animal fats (other than milk fats) shall be negative. The chemical and physical constants of the ghee shall be characteristic of the type of milk (cow, buffalo or mixed) from which it is produced and of the season of the year and the place or district where it is produced.
General Standard	-do- The definition of quality shall be the same as laid down under the Prevention of Food Adulteration Rules 1955, as amended from time to time.	-do-	-do-

* When cooled below the melting point.

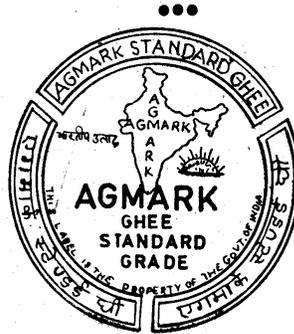
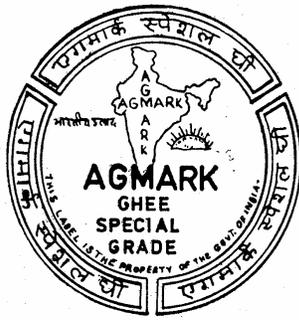
@ The purity shall be tested by such tests as may be laid down from time to time by the Agricultural Marketing Adviser to Govt. of India for instance the phytosterol Acetate test.

SCHEDULE – II
(See Rule 4 (i))
Grade designation mark
(Design on the label)

Grade Designation	Design of Label	Color of lettering Showing the Grade	Color of the circular border of the label
1	2	3	4
Special	*	Red	Red
General	**	Green	Green
Standard	***	Chocolate	Chocolate

Notes :

1. The labels shall be printed on the watermark paper of the Government of India and shall have a micro tint back ground bearing the words "Government of India" in olive green color.
2. Each label shall have printed thereon a serial number along with a letter or letters denoting the series, e.g. A054987.
3. Each label shall have printed thereon the approximate weight content of the package on which it is affixed.
4. The word 'Regional' shall be printed on each label used on a package of the ghee not conforming to the normal physical and chemical constants specified in Schedule III-A



SCHEDULE –II-A

[See rule 4 (ii)]

Grade designation mark
(Design of Agmark replica)
Name of commodity: Ghee
Grade

Grade designation marks for Ghee packed in glass bottles

Grade Designation	Design of the label	Color of lettering of Grade	Color of the circular border of the label
1	2	3	4
Special	*	Red	Red
General	**	Green	Green
Standard	***	Chocolate	Chocolate

Note : The labels shall be printed on the watermark paper of the Government of India and shall have a micro tint back ground bearing the words "Government of India" in olive green color. Each label shall be serially numbered, e.g. A 012346.



SCHEDULE III-A

(See Rule 5)

Normal physical and chemical constants of ghee produced in areas other than those Specified in Schedule III-B to which grade designation mark may be applied.

1	Grade designation	
	Special 2	General 3
1. Baudouin test	Negative	Negative
2. Butyro-refractometer reading at 40°C	40.0-43.0	40.0-43.0
3. Reichert Meissl value	Not less than 28.0	Not less than 28.0
4. Polenske value	1.0-2.0	1.0..-2.0
5. Moisture content	Not more than 0.3%	Not more than 0.3%
6. Percentage of Free Fatty Acid (as oleic acid)	Not more than 1.4	or more than 2.50

N. B.- Percentage of Free fatty Acids (as Oleic acid) shall not exceed 3.0 for Standard Grade Ghee.

SCHEDULE III-B

(See Rule 5)

Normal physical and chemical constants of Ghee produced in recognized cotton tracts@ (of Saurashtra and Madhya Pradesh) to which grade designation marks may be applied.

1	Grade designation			
	Special 2		General 3	
	Winter (Sep.-Feb.)	Summer (Mar.-Aug.)	Winter (Sep.-Feb.)	Summer (Mar.-Aug.)
1. Baudouin test	Negative	Negative	Negative	Negative
2. Butyro-refractometer reading at 40°C	41.5-44.0	42.5-45.0	41.5-44.0	42.5-45.0
3. Reichert Meissl value	Not less than 23.0	Not less than 21.0*	Not less than 23.0	Not less than 21.0*
4. Polenske value	0.5-1.2	0.5-1.0	0.5-1.2	0.5-1.0
5. Moisture content	Not more than 0.3%	Not more than 0.3%	Not more than 0.3%	Not more than 0.3%
6. Percentage of Free Fatty Acids (as oleic acid)	Not more than 1.4	Not more than 1.4	Not more than 2.5	Not more than 2.5

@ By cotton tract is meant that area where cotton seed is extensively fed to the cattle.

* Ghee with Reichert Meissl value between 19 and 21 shall be graded only after a Phytosterol Acetate test has been performed and the result thereof found to be negative.

N.B. - Percentage of Free Fatty Acids (as Oleic acid) shall not exceed 3.0 for Standard Grade Ghee.

SCHEDULE III-C

(See Rule 5)

Normal physical and chemical constants of Ghee to which “standard” grade designation mark may be applied.

may be applied shall be the same as laid down for the respective area under the Prevention of the Food Adulteration Rules, 1955 as amended from time to time. (Please see G.S.R. No. 1134, dated 5-9-1996 and 16-9-1961, respectively.)

Normal physical and chemical constants of Ghee produced in different areas to which “Standard “ grade designation mark

SCHEDULE IV

(See Rules 7)

Special Conditions of Certificate of Authorisation

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| <p>(a) The factory and laboratory at the authorised premises must be clean, well ventilated and sanitary. All Ghee stored in the premises must be kept in covered containers.</p> <p>(b) There shall be no fat on oil other than ghee or any artificial flavoring or coloring matter in the premises.</p> <p>(c) The process of manufacturer shall be such as to retain the essential characteristics of ghee which shall not be heated at any time over 110° C.</p> <p>(d) A sample from each melt shall be forwarded to such Regional Agmark Laboratory as may be notified from time to time.</p> <p>(e) The grade designation mark labels shall be securely affixed on the bung by means of an approved method.</p> <p>(f) For the purpose of analyzing samples of ghee purchased or packed, an authorised packer shall arrange to provide laboratory equipment and staff as approved by the Agricultural Marketing Adviser and shall maintain proper records (on approved forms) regarding the analysis of ghee samples and number of grade</p> | <p>designation labels used. The Agricultural Marketing Adviser to the Government of India will, in such cases, as he considers necessary, provide the services of a Chemist to an authorised packer. In such cases, the authorised packer shall pay such amount as may be determined in each case by the Agricultural Marketing Adviser to the Government of India towards the expenditure incurred in connection with providing him with the services of a Chemist and control on quality.</p> <p>(g) All instructions regarding methods of sampling and analysis, etc. which may be issued from time to time by the Agricultural Marketing Adviser shall be strictly observed.</p> <p>(h) At the authorised premises stated in this certificate, grade designation marks may be applied to any ghee having characteristics corresponding with the normal chemical and physical constants set out in Schedule III-A and III-B and III-C of the Ghee Grading and Marking Rules, 1938,</p> |
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Note :

- 1) Principal rules published under the notification of the Govt. of India, Imperial council of Agricultural Research No. F-51-(45)38/ G.I. dated 29-7-38 in the Gazette of India, Part –I dated 30-7-38 (p)
- 2) First amendment published as S.R.O. 645 dated 10-9-1950 in the Gazette of India, Part II, section 3 dated 23-9-1950.
- 3) Second amendment published as S.O. 2344 dated 22-9-1961 in the Gazette of India, Part II, Section 3 (ii) dated 30/9/1961.
- 4) Third amendment published as S.O. No. 3182 dated 5-12-1966 in the Gazette of India Part II, Section 3 (ii) dated 17/12/1966.
- 5) Fourth amendment published as S.O. 1101 dated 17-3-1981 in the Gazette of India, Part II, Section 3, (ii) dated 4-4-1981.
- 6) Fifth amendment published vide G.S.R. 694 dated 27th November 1991 appeared on pages 2814 – 2817 in the Gazette of India, part II, section 3, sub-Section (i) dated 14-12-1991.