

Marketing Series No. 118

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AMA. 115  
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GOVERNMENT OF INDIA  
MINISTRY OF FOOD & AGRICULTURE  
(DEPARTMENT OF AGRICULTURE)  
DIRECTORATE OF MARKETING AND INSPECTION



INSTRUCTIONS  
FOR  
**Grading Lemongrass & Sandalwood Oils**

*(This supersedes all previous issues)*

ISSUED BY  
THE AGRICULTURAL MARKETING ADVISER TO THE  
GOVERNMENT OF INDIA

PRINTED IN INDIA, BY THE MANAGER, GOVT. OF INDIA PRESS,  
NASIK ROAD; PUBLISHED BY THE MANAGER OF PUBLICATIONS, DELHI  
1959

Price : Rs. 2.87 or 4sh. 9d.

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GOVERNMENT OF INDIA  
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सत्यमेव जयते

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*(This supersedes all previous issues)*

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## TABLE OF CONTENTS

	PAGE NO.
<b>INTRODUCTION</b> . . . . .	(i)
1. Application for Certificate of Authorisation for grading Essential Oils, its renewal etc. . . . .	1
2. Arrangements for handling of Essential Oils at packer's premises . . . .	2
3. Intimation to the Dy. Senior Marketing Development Officer for sampling	2
4. Inspection of a lot of oil and drawing of a representative sample . . .	3
5. Recognition of laboratories for grading Sandalwood Oil . . . . .	4
6. Determination of grade . . . . .	5
7. Packing and marking of Essential Oils . . . . .	6
8. Issue and affixation of Agmark labels to trade samples of Essential Oils .	8
9. Issue of 'X' Grade labels . . . . .	8
10. Certificate of Agmark Grading . . . . .	9
11. Supply of Agmark labels, sealing pliers, adhesive and their custody, etc. .	10
12. Maintenance of records . . . . .	11
13. Breach of instructions . . . . .	11
 <b>APPENDIX</b>	
I. Agricultural Produce (Grading and Marking) Act, 1937 . . . . .	13
II. General Grading and Marking Rules, 1937 . . . . .	17
III. The Essential Oils Grading and Marking Rules, 1954 . . . . .	19
IV. Application for Certificate of Authorisation for Grading and Marking Essential Oils . . . . .	23
V. Application for renewal of Certificate of Authorisation . . . . .	25
VI. Application for the inspection of sampling of Essential Oil(s) . . . . .	26
VII. Specimen of Agmark Grading Certificate . . . . .	27
VIII. Application for the issue of the Certificate of Agmark Grading . . . .	28
IX. Application for the issue of a fresh Certificate of Agmark Grading in the event of sale prior to export of a consignment of graded and marked Essential Oil packages . . . . .	29
X. Specimen of Treasury Chalan . . . . .	30
XI. Specimen of analytical report . . . . .	31
XII. Specimen of monthly return of charges of Agmark labels . . . . .	32
XIII. Specimen of record of the sampling and analysis of Essential Oils . . .	33
XIV. Specimen of Certificate giving analytical values of Sandalwood Oil . . .	34

## INTRODUCTION

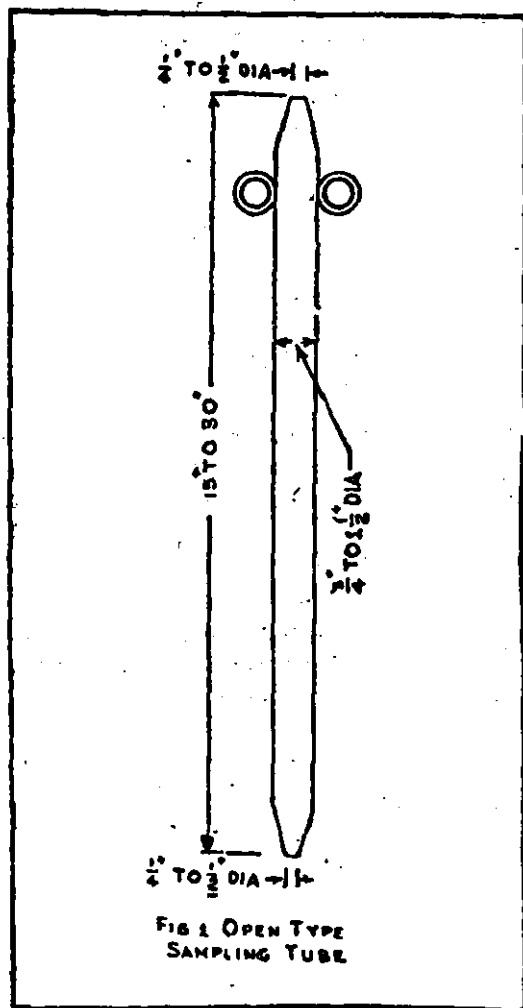
Parties intending to grade essential oils under Agmark should familiarise themselves with the provisions of the Agricultural Produce (Grading and Marking) Act, 1937, the General Grading and Marking Rules, 1937 and the Essential Oils Grading and Marking Rules, 1954. These are reproduced as Appendices I, II and III to these instructions.

India is one of the largest suppliers of lemongrass and sandalwood oils to the world markets. There has, however, been a set-back in India's export trade in recent years; a principal reason, therefore, has been the poor quality of the oils, particularly lemongrass oil, exported out of the country. Government of India and the progressive interests in the trade, therefore, have felt that there is a need for enforcing suitable quality control measures on the export of these oils. This has been effected through enforcement that all consignments of these oils shall be graded in accordance with the provisions of the Essential Oils Grading and Marking Rules, 1954, prior to export. In the absence of a certificate that the oils have been found to conform to Agmark specifications, exports are not permitted under Section 19 of the Sea Customs Act, 1878.

By notifications in the Gazette of India under Nos. S. R. O. 3753 dated 26-12-1955 and S. R. O. 3184 dated 28-12-1956 issued by the Ministry of Finance (Revenue Division) the provision for the compulsory grading of two essential oils, lemongrass and sandalwood oils, prior to export applies on and after 1-1-1956 and 1-2-1957 respectively.

These instructions are intended for the guidance of parties in respect of procedure for sampling, testing, marking and clearance of consignments of essential oils for export.

[Facing page 1]



## **INSTRUCTIONS FOR GRADING LEMONGRASS AND SANDALWOOD OILS**

The Agricultural Marketing Adviser to the Government of India is pleased to issue under Rules 2, 4(f) 4(j) and 4(k), of the General Grading and Marking Rules, 1937, and Rules 5 and 6 of the Essential Oils Grading and Marking Rules, 1954, the following instructions in connection with the grading of lemongrass and sandalwood oils:—

### **1. Application for Certificate of Authorisation for grading Essential Oils, its renewal etc.**

1.1.1. Any person or body of persons desirous of grading and marking essential oils (Lemongrass and Sandalwood oils) in accordance with the Essential Oils Grading and Marking Rules, 1954 (Appendix III) shall apply for a Certificate of Authorisation to the Agricultural Marketing Adviser to the Government of India, New Secretariat Building, Nagpur, in the prescribed form (Appendix IV).

1.1.2. The application shall be sent through such local\* official as prescribed for being forwarded to the Agricultural Marketing Adviser to the Government of India.

1.1.3. The officers concerned shall forward the applications with their recommendations to the Agricultural Marketing Adviser to the Government of India.

1.2.1. Applications for renewal of Certificate of Authorisation shall be submitted to the Agricultural Marketing Adviser to the Government of India through the Deputy Senior Marketing Development Officer, (Essential Oils), Cochin-3, in the prescribed form (Appendix V) in the same manner as in para 1.1.2. on or before the 15th May, each year.

1.2.2. The Deputy Senior Marketing Development Officer concerned shall forward the applications for renewal of Certificate of Authorisation to the Agricultural Marketing Adviser to the Government of India with his recommendations so as to reach him by the 10th June each year.

1.3. Application for grading at any new premises or deletion of any premises included in the Certificate of Authorisation shall be submitted to the Agricultural Marketing Adviser to the Government of India through the Deputy Senior Marketing Development Officer, (Essential Oils), Cochin-3, together with the Certificate of Authorisation for necessary amendments.

1.4. All applications for the grant, renewal or amendment of the Certificate of Authorisation shall be signed by the applicant concerned or by any other duly authorised person (e.g. proprietor, partner, Director or Manager of the concern) in the case of firms. In

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\*Kerala State—Director of Agriculture, Trivandrum.  
Madras State—State Marketing Officer, Madras.  
Andhra State—Director of Agriculture, Hyderabad.  
Mysore State—Chief Marketing Officer, Bangalore.  
Bombay State—Chief Marketing Officer, Poona.  
Uttar Pradesh—Provincial Marketing Officer, Lucknow.

the latter case, the designation of the signatory shall be clearly indicated.

1.5. The Certificate of Authorisation shall be preserved carefully by the authorised packer and returned to the Agricultural Marketing Adviser to the Government of India, if not required to be renewed, within a week of the date of its expiry or as and when demanded by that Officer.

## **2. Arrangements for handling of essential oils at packer's premises**

2.1. An authorised packer shall be suitably equipped for the distillation and/or settling, filtering and dehydration of essential oils.

2.2. He shall nominate a representative in his establishment who will be responsible for supervising the operations mentioned in 2.1. above, in addition to final packing, sealing and labelling of essential oil containers.

2.3. The representative shall be present when samples of essential oils are drawn by the Deputy Marketing Development Officers, etc.

2.4. The representative shall also be responsible for the maintenance of records showing consumption of Agmark labels etc.

## **3. Intimation to the Deputy Senior Marketing Development Officer for sampling**

3.1. For inspection and sampling of one or more lots of lemongrass oil in Cochin and Alwaye, the authorised packer or his representative except for any special reason, shall give intimation, to the Deputy Senior Marketing Development Officer, Cochin-3, at least 24 hours before the time of inspection, provided that 48 hours notice shall be given if the day of inspection falls on a holiday other than a Sunday.

3.2. For inspection and sampling of one or more lots of lemongrass oil in places other than Cochin and Alwaye, the authorised packer shall give intimation, in writing, at least one week in advance to the Deputy Senior Marketing Development Officer, with particulars regarding the quantity of the oil to be packed. Such application shall ordinarily be made only when the packer has about 100 lb. (45.4 kilograms) or above of the oil to be packed. (See Appendix VI.)

3.3. For inspection and sampling of one or more lots of sandalwood oil in the Madras State, the authorised packer shall give intimation in writing, at least one week in advance to the Deputy Marketing Development Officer, Kuppam, with a copy to the Deputy Senior Marketing Development Officer, Cochin-3, with particulars regarding the quantity of oil to be packed. Such applications shall ordinarily be made only when the packer has about 100 lb. (45.4 kilograms) or more of the oil to be packed.

3.4. Sandalwood oil packers at Bombay shall give intimation, at least 48 hours in advance, to the Senior Marketing Development Officer, Central Wool Testing Laboratory, 2nd Floor, Aayakar Bhavan Extension, New Marine Lines, Bombay-1. Sandalwood oil packers at Kannauj shall give intimation in writing, at least one day in advance to the Deputy Senior Marketing Development Officer (Wool Bristles and Goat Hair) Kanpur.



3.5. The inspection of essential oils shall be done strictly in chronological order of such applications received by the Deputy Senior Marketing Development Officer, the Deputy Marketing Development Officer or others concerned. But the Deputy Senior Marketing Development Officer or other officers concerned may use their discretion in giving priority to specially urgent cases if the concerned packer furnishes convincing proof about the urgency of the case.

3.6. Inspection of a lot of oil and drawing of a representative sample will be done during working hours on all days of the week except Sunday. Under exceptionally urgent cases, however, the above officers may consider requests for this purpose outside working hours provided a written notice is given of such urgent work sufficiently in advance.

#### **4. Inspection of a lot of oil and drawing of a representative sample**

4.1. Representative sample (lot sample) shall be drawn in duplicate by the concerned officer in the presence of the packer's representative.

4.2. The lot to be sampled should, as far as possible, be submitted for inspection in a large storage tank after mixing the oil. Two samples of 4 oz. (113.4ml) each shall be drawn by the Sampling Officer by means of a Sampler (Fig. 1) (see facing page 1). A composite sample shall be prepared by mixing the two samples. Test samples shall be prepared by dividing the composite sample.

4.3. If the essential oil is already filled in drums or other containers, each such container shall be regarded as a separate lot and sampled separately as in para 4.1. The Deputy Senior Marketing Development Officer/the Deputy Marketing Development Officer or other officer so authorised may however use his discretion and draw samples from at least 20 per cent of such containers separated at random when the essential oil of a homogenous character is presented for inspection. In that case, samples taken from each container shall be mixed to form a composite sample and test samples shall be prepared by dividing the composite sample.

4.4. The samples shall be placed in suitable clean, dry, airtight aluminium or coloured glass containers. The sample container shall invariably be supplied by the authorised packer and shall be returnable.

4.5. The sample container shall be almost, but not completely, filled with the sample.

4.6. One laboratory sample duly sealed by the Sampling Officer shall be handed over to the packer's representative. A second sealed sample shall be sent to the Subsidiary Control Laboratory, Cochin-3.

4.6.1. In the case of sandalwood oil, the representative lot sample shall be divided into three equal portions of which two sealed samples marked as in para 4.7. below shall be handed over to the packer's representative.

4.7. The name of the oil, lot number, date of tank filling, name and place of the grading station will be clearly marked on the samples given to the authorised packer. The sample meant for the Control Laboratory will bear the code mark of the Sampling Officer.

4.8. No oil shall be added to the containers once they have been sampled and sealed.

4.9. A serial number shall be given to each filling of the storage tank. Similarly, each container (or in the case of a homogenous lot of the oil packed into containers and offered as one lot for sampling, each lot of such containers) shall also bear a number. The serial numbers of tank fillings and packed containers shall be continuous and will be known as "Lot number" in these instructions.

4.10. After sampling, the oil, if in a storage tank, shall be filled into smaller containers in the presence of the Sampling Officer. The filled containers, (drums or tins) shall, after sampling, be securely closed as under :—

4.10.1. *Drums.*—In the case of drums with screw bungs, a piece of steel wire shall be passed through a hole in the bung and corresponding loop or hole on the drum. The two ends of the wire shall be passed through a lead seal and twisted in such a manner that once the lead seal is pressed it is not possible to pull out the wire without damaging the seal. The seal shall be pressed with a pair of pliers engraved with the code number of the Sampling Officer so that the code number is clearly embossed on one side of the lead seal and the wire cannot be pulled out without damaging the seal. If the drum has more than one opening each such opening shall be secured and sealed in the above manner.

4.10.2. *Kerosene oil type tins with flat lids.*—The lid shall be soldered as usual. The Sampling Officer shall affix a stamp on the soldered inlet using copper sulphate solution, in such a manner that the stamp is partly on the lid and partly on the tin. In the case of tins with a rammed in lids, the lids shall be securely fastened in the presence of the Sampling Officer.

4.11. The authorised packer shall afford all facilities and provide necessary labour for inspection of oil and drawing of sample. If any person deputed by the packer to assist the Sampling Officer indulges in any malpractices or obstructs the Officer in the discharge of his duties in any way, the packer concerned shall be held responsible.

## 5. Recognition of laboratories for grading Sandalwood Oil

An authorised packer who has a well equipped laboratory and who has engaged a chemist fully conversant with the analysis of essential oils prior to grading them under 'Agmark', notwithstanding anything to the contrary contained in the "Instructions", shall be permitted, after such inspection of the premises and laboratory as the Agricultural Marketing Adviser may determine in each

case and upon his according approval to the appointment of the chemist, to proceed with the sampling; testing and grading of the essential oils in the absence of a Sampling Officer—

provided that :—

- (i) the chemist personally takes a representative sample from each lot, supervises the filling of lot into containers, keeps the filled containers in his custody or gets them sealed and marked (*vide* para 4.10 above) till he has analysed the sample and affixed Agmark labels on the containers ;
- (ii) he keeps a record of the analysis of all the samples in a bound register in the proforma prescribed in Appendix XIII ;
- (iii) a duplicate of the sample from each lot of the essential oil found conforming to the specifications is sent to the Deputy Senior Marketing Development Officer, Fumigatorium Shed, Willingdon Island, Cochin-3, within three days of sampling, together with a copy of the analytical results (Appendix XIII), details of the containers into which the oil was filled and serial numbers of Agmark labels affixed ;
- (iv) a triplicate of the sample, sealed by the chemist, with particulars regarding lot number, date of sampling and filling and grade of the oil marked on it is kept in the premises for the inspection of authorised officers ;
- (v) all officers duly authorised by the Agricultural Marketing Adviser, are given facilities for check sampling the oil from sealed containers lying in the premises of the authorised packer ; and
- (vi) the authorised packer arranges to remove all Agmark labels from containers filled from any lot declared as mis-graded by the Subsidiary Control Laboratory at Cochin, wherever the packages may be.

## 6. Determination of grade

6.1. The samples of essential oils drawn as under para 4.2. shall be analysed according to the prescribed methods of analysis and the grade of oil determined by the Subsidiary Control Laboratory, Cochin.

6.2. The Subsidiary Control Laboratory shall report the grade of the oil to the Deputy Senior Marketing Development Officer or such other officers as may be specified, within 48 hours of the receipt of the sample at the laboratory. Samples will be analysed strictly in chronological order of their receipt in the Subsidiary Control Laboratory. The Deputy Senior Marketing Development Officer may in special circumstances use his discretion in giving priority to specially urgent cases if the concerned packer furnishes convincing proof about the same.

6.3. If the packer is not satisfied with the analytical result of the Subsidiary Control Laboratory, he will be entitled to request the Deputy Senior Marketing Development Officer in writing to arrange for the re-examination of the consignment. A check sample shall thereafter be drawn within 48 hours, as prescribed under para 4.2. and the result of the grading be made known to the packer, as prescribed under para 6.2.

6.4. If the authorised packer is still not satisfied with the check sampling result, he may request the Deputy Senior Marketing Development Officer or the Agricultural Marketing Adviser in writing to arrange for a final analysis.

The packer shall, in such cases, give an undertaking in writing to the effect that he will pay Rs. 50 only, if the initial findings of the Subsidiary Control Laboratory are proved to be correct. On receipt of the request and the undertaking, the Deputy Senior Marketing Development Officer will arrange for samples to be taken, as prescribed and send the samples to such laboratory as may be decided by the Agricultural Marketing Adviser to the Government of India. The analytical report shall be made available to the packer as early as possible and the same will be taken as final.

6.5. Essential oils left after analysis shall be returned to the authorised packers by the Subsidiary Control Laboratory at convenient intervals. Authorised packers shall give a proper receipt for the quantity returned.

## 7. Packing and marking of Essential Oils

7.1. Containers shall be provided with screw bungs. In case of kerosen oil type tins, they shall have 1.25" to 1.5" opening provided with flat lids. Round tins will be provided with 1" opening provided with sup shaped rammed lids.

7.2. The containers filled with essential oil shall be closed by tightly screwing the screw bungs, soldering the flat lids or ramming the cup shaped lids, suitably.

7.3. No grade designation shall be applied to any of the containers before a report of the analysis of the sample at the Laboratory is received.

7.4. The following particulars shall be marked on each container by stencilling or stamping, in words with suitable paint or indelible ink :

Name of the packer.

Place of packing.

Date of packing.

Lot number.

Net weight.

Grade.

7.4.2. In respect of Sandalwood Oil packed in spun aluminium bottles, the following procedure shall be adopted :—

(a) The words "Agmarked Sandalwood Oil" shall be stamped with rubber stamp ink on the private label affixed by the packer on each bottle ;

(b) the lot number shall be marked on each bottle when the contents exceed 1 oz (28.4 ml). This may be done by another rubber stamp or a slip may be pasted with a lot number written on it ;

- (c) particulars mentioned in para 7.4.1 above shall be marked on the packing case in which the bottles are placed. The packing case shall also bear the prescribed Agmark label;
- (d) in respect of sandalwood oil for export placed in corrugated card-board cartons, a window should be arranged to enable the label being seen during inspection by the Customs Authorities; and
- (e) where cartons as at (d) above are placed in wooden cases for export by sea, the case should have the prescribed Agmark label on which the serial number of Agmark labels affixed on the container(s) placed inside should also be specified.

NOTE.—A rubber stamp for (a) above will be supplied by the Agricultural Marketing Adviser to the Government of India to each packer authorised to grade Sandalwood Oil.

7.5. Agmark labels shall be applied only at the premises included in the Certificate of Authorisation of the packer.

7.6. Each Agmark tie-on lable shall be marked with indelible ink with the name of the packer, place of packing, lot number and the date of packing before it is applied on the container.

7.7.1. Agmark labels shall be affixed to the containers of graded oil in the following manner :—

7.7.2. In the case of drums with screw bungs, a second piece of steel wire shall be passed through a hole in the main bung, corresponding loop or hole on the drum and the eyelets on the Agmark tie-on label in a manner that the label is folded and the particulars marked on it are visible. The two sides of the wire shall be passed through a lead seal and twisted in such a manner that once pressed it is not possible to pull out the wires without damaging the seal. The seal shall be pressed with a pair of pliers engraved with the words "AGMARK", so that the word AGMARK is clearly embossed on the side of the lead seal and wire cannot be taken out of the lead seal or the bung opened, without damaging the lead seal or the label. The wire shall be kept as tight as possible and the extra wire shall be cut off. Lead seals containing the impression of the code number of the Sampling Officer placed at the time of sampling shall not be disturbed.

7.7.3. In the case of containers with soldered flat lids, a small quantity of the adhesive (see para 11) shall be applied lightly over the lid and the paste-on square label pressed firmly to exclude air pockets. The label shall cover the lids completely. The adhesive shall also be applied to the upper surface of the label and allowed to dry. In affixing the label the seal placed on the container by the Sampling Officer at the time of sampling shall be partially visible.

7.7.4. In case of containers with cup-shaped lids rammed into the inlet, the round Agmark paste-on label shall be applied to the flat surface inside the cup-shaped lid in the manner prescribed in para 7.7.3.

7.8. A consignment of graded essential oil shall not be moved from the grading premises until the Agmark labels are affixed.

7.9. The graded lemongrass oil shall be exported within 45 days from the date of sampling and no Agmark label shall be valid after the expiry of 45 days from sampling.

7.10. If the graded lemongrass oil is not exported within 45 days, the packer shall make an application to the Deputy Senior Marketing Development Officer, Cochin-3, to remove the Agmark labels.

### **8. Issue and affixation of Agmark labels to trade samples of Essential Oils**

8.1. As parcel of lemongrass oil or sandalwood oil exceeding 200 tolas (2.3 Kilograms) 40 tolas (.47 Kilogram) respectively in weight will not be accepted for despatch by post or air freight unless it bears an Agmark label and is accompanied by a Certificate of Grading from the Deputy Senior Marketing Development Officer (Essential Oils), Cochin-3, samples of such oil prepared by any authorised packer for despatch out of India shall be analysed and marked with appropriate grade labels and sealed.

8.2.1. The following procedure shall be adopted for marking the samples :—

8.2.2. The Sampling Officer shall send a test sample of the oil to the Subsidiary Control Laboratory, Cochin-3, under code and get its grade determined.

8.2.3. The sample shall be sealed and the Agmark label of appropriate grade suitably affixed to the sample. The sample and/or the label shall be clearly marked with the name and grade of oil, name of packer and the date of packing.

### **9. Issue of 'X' Grade labels**

'X' Grade labels will be issued for Lemongrass Oil if the following conditions are fulfilled by the authorised packer :—

9.1. That the sale is against a firm order (such evidence as acceptable to Customs being sufficient proof).

9.2. That the consignment conforms to the specifications in Schedule II of the Essential Oils Grading and Marking Rules, 1954, in all respects except "Citral content", the percentage of which shall be indicated in the Certificate of Grading after actually determining the same.

9.3. Lemongrass oil marked under 'X' Grade shall not be sold in the market. But in exceptional cases when the consignee does not accept the consignment of 'X' Grade oil intended for him, the authorised packer concerned shall produce satisfactory evidence to that effect to the Agricultural Marketing Adviser to the Government of India or to any officer authorised by him in this behalf who may then permit the oil being sold in the market.

## 10. Certificate of Agmark Grading

10.1. A consignment of essential oils graded and marked under the Essential Oils Grading and Marking Rules, 1954 will not be cleared for shipment unless it is covered by a Certificate of Agmark Grading (Appendix VII) issued by the Deputy Senior Marketing Development Officer, (Essential Oils) Cochin-3. The Certificate shall indicate the exact citral/santalol content in case of lemongrass and sandalwood oil consignment respectively.

10.2. Certificate of Agmark Grading will be issued to an authorised packer after the consignment of oil is properly graded, packed sealed and labelled. Authorised packers may apply for a Certificate of Agmark Grading at the time requisition is sent for sampling. This will avoid delay in effecting despatches.

10.3. The Certificate of Agmark Grading shall be issued on a written request in the form prescribed in this behalf (Appendix VIII) and can be obtained in triplicate, or quadruplicate, if desired. The original copy of the Certificate shall be presented for the use of the Customs.

10.4. A certificate giving the analytical values of such lots of sandalwood oil will be furnished in the prescribed proforma (Appendix XIV) on a written request thereof from the authorised packer.

10.5. Essential oils graded and marked and covered by valid Agmark Certificates shall be permitted to be exported regardless of ownership.

10.6. In the event of sale of a consignment of graded and marked essential oil, a fresh Certificate of Agmark Grading can be obtained on a written request from the authorised packer concerned to the Deputy Senior Marketing Development Officer (Essential Oils), Cochin-3, giving particulars of the containers sold, the name of the buyer, his private trade mark if any, shipping number and date of sale surrendering the Agmark Grading Certificate already issued (original and copies) along with the application.

In the case of lemongrass oil the interval between the date of marking and the issue of a fresh Certificate of Agmark grading should be less than 30 days.

10.7. When an authorised packer wishes to export any lot of Sandalwood Oil already sampled, tested and Agmarked in part consignments, the following procedure shall be adopted for Customs clearance of the part consignments :—

- (a) On his making a written application, the Deputy Senior Marketing Development Officer, Cochin-3, shall issue an Agmark Grading Certificate for the entire lot and endorse on the Certificate "Despatches in part consignments permitted".
- (b) The authorised packer shall present an attested copy of the Agmark Grading Certificate above along with a statement showing the serial numbers of Agmark labels and other

particulars of the packages included in the consignments, presented for export, to the Customs authorities for their inspection.

## 11. Supply of Agmark labels, sealing pliers, adhesive and their custody, etc.

11.1. *Payment of charges for Agmark labels and other grading equipment.*—An authorised packer shall pay a sum of Rs. 2.50 for every 100 lb. (45.5 Kilograms) of lemongrass oil graded to cover the following :—

- (i) Agmark labels,
- (ii) Lead seals,
- (iii) All expenses for sampling (except labour), and
- (iv) Testing.

In the event of a consignment of lemongrass oil having been sampled and tested but not Agmarked within 30 days from the date of communication of the results of analysis to the authorised packer, a sum of Rs. 1.25 for every 100 lb. (45.4 Kilograms) of such oil shall be payable towards the expenses of sampling and testing. After 30 days the lot will be regarded as entirely new for purposes of sampling, testing and grading.

11.2. An authorised packer shall pay a sum of Rs. 3.00 for every 100 lb. (45.4 Kilograms) of sandalwood oil to cover the following :—

- (i) Agmark labels,
- (ii) All expenses for sampling (except labour) and
- (iii) Testing.

11.3. Actual cost of the adhesive will be charged to the authorised packets of sandalwood oil.

11.4. Authorised packers shall be held responsible for the safe custody of Agmark labels and other grading equipment supplied to them.

11.5. The payment of the label charges and cost of adhesive shall be made through a treasury chalan or a demand draft. The label charges should be remitted not later than the fifth day of the month succeeding that to which the charges relate, and if paid by demand draft the same should be on a Cochin Bank. The cost of adhesive, if remitted by demand draft should be on a Nagpur Bank and drawn in favour of the Administrative Officer, Directorate of Marketing and Inspection. Cheques shall not be accepted.

11.6. The treasury chalan shall be to the credit of the Agricultural Marketing Adviser to the Government of India in triplicate and shall show full particulars regarding payment *viz*; name and



address of the party, the nature of account and the head of account of credit. The head of account shall be as noted below :—

Account	Head	Sub-head
Label to charges . . . . .	XXIX—Agriculture— Central Agricultural Receipts.	Essential Oil Receipts.
Cost of Adhesive . . . . .	Ditto	Adhesive Receipts.
Cost of Lead Seals . . . . .	Ditto	Grading Equipment Receipts.

On the top of the chalan, the words “Adjustable by the Accountant General, Central Revenue, T. G. Section” shall be inscribed. After the amount has been credited, a copy of the receipted chalan shall be furnished to the Deputy Senior Marketing Development Officer, Cochin-3, in token of the amount having been credited to the Agricultural Marketing Adviser to the Government of India.

11.7. Specimen copy of a treasury chalan showing how it is to be filled in, is given at Appendix X.

**12. Maintenance of records**

12.1. Every authorised packer shall maintain a register showing the following particulars of the essential oil graded by him :—

- (1) Lot number.
- (2) Date of sampling.
- (3) Date of packing.
- (4) Number of containers graded and marked under each grade, with capacity.
- (5) Serial No. of Agmark labels used.

12.2. A statement showing the Agmark labels used on containers of different capacities during the month and the label charges payable shall be submitted to the Deputy Senior Marketing Development Officer along with the treasury chalan or the bank draft.

**13. Breach of instructions**

A breach of any of the instructions shall make the authorised packer concerned liable for action by the Agricultural Marketing Adviser to the Government of India under the Agricultural Produce (Grading & Marking) Act, 1937 and the General Grading and Marking Rules, 1937.

## APPENDIX I

### *Agricultural Produce (Grading and Marking) Act, 1937*

#### Act No. I of 1937

### **An Act to provide for the grading and marking of agricultural [and other] produce**

WHEREAS it is expedient to provide for the grading and marking of agricultural [and other] produce; It is hereby enacted as follows:—

*Short title and extent.*—(1) This Act may be called the Agricultural Produce (Grading and Marking) Act, 1937.

(2) It extends to the whole of India, except the State of Jammu & Kashmir.

2. *Explanations.*—In this Act, unless the contrary appears from the subject or context—

(a) "agricultural produce" includes all produce of agriculture or horticulture and all articles of food or drink wholly or partly manufactured from any such produce, and fleeces and the skins of animals;

(b) "counterfeit" has the meaning assigned to that word by Section 28 of the Indian Penal Code; (XLV of 1860);

(c) "covering" includes any vessel, box, crate, wrapper, tray or other container;

(d) "grade designation" means a designation prescribed as indicative of the quality of any scheduled article;

(e) "grade designation mark" means a mark prescribed as representing a particular grade designation;

(f) "quality" in relation to any article, includes the state and condition of the article;

(g) "prescribed" means prescribed by rules made under this Act;

(h) "schedule article" means an article included in the schedule; and

(i) an article is said to be marked with a grade designation mark, if the article itself is marked with a grade designation mark or any covering containing or label attached to such article is so marked.

3. *Prescription of grade designations.*—The Central Government may, after previous publication by notification in the Official Gazette, make rules—

(a) fixing grade designations to indicate the quality of any scheduled article;

(b) defining the quality indicated by every grade designation;

(c) specifying grade designation marks to represent particular grade designations;

(d) authorising a person or a body of persons, subject to any prescribed conditions, to mark with a grade designation mark any article in respect of which such mark has been prescribed or any covering containing or label attached to any such article;

(e) specifying the conditions referred to in clause (d) including in respect of any article conditions as to the manner of marking, the manner in which the article shall be packed, the type of covering to be used, and the quantity by weight, number or otherwise to be included in each covering;

---

[ ] Inserted under the Agricultural Produce (Grading and Marking) Amendment Act, 1942 (Act No. XIII of 1942),

- (f) providing for the payment of any expenses incurred in connection with the manufacture or use of any implement necessary for the reproduction of a grade designation mark or with the manufacture or use of any covering or label marked with a grade designation mark [or with measures for the control of the quality of articles marked with grade designation marks including testing of samples and inspection of such articles or with any publicity work carried out to promote the sale of any class of such articles];
- (g) providing for the confiscation and disposal of produce marked otherwise than in accordance with the prescribed conditions with a grade designation mark.

4. *Penalty for unauthorised marking with grade designation mark.*—Whoever marks any scheduled article with a grade designation mark, not being authorised to do so by rule made under Section 3, shall be punishable with fine which may extend to five hundred rupees.

5. *Penalty for counterfeiting grade designation mark.*—Whoever counterfeits any grade designation mark or has in his possession any die, plate or other instrument for the purpose of counterfeiting a grade designation mark shall be punishable with imprisonment which may extend to two years, or with fine, or with both.

6. *Extension of application of Act.*—The Central Government, after such consultation as it thinks fit of the interest likely to be affected, may by notification in the Official Gazette declare that the provisions of this Act shall apply to an article of agricultural produce not included in the Schedule [or to an article other than an article of agricultural produce] and on the publication of such notification such article shall be deemed to be included in the Schedule.

SCHEDULE

[See Section 2 (h)]

- 1. Fruit.
- 2. Vegetables.
- 3. Eggs.
- 4. Dairy Produce.
- 5. Tobacco.
- 6. Coffee.
- 7. Hides and Skins . . . . .
- 8. Fruit products . . . . .
- 9. *Ala* . . . . .
- 10. Oilseeds . . . . .
- 11. Vegetable oils (including hydrogenated oils and vegetable fats).
- 12. Cotton . . . . .
- 13. Rice . . . . .

*Authority.*—Govt. of India, Deptt. of Education, Health and Lands, Notification No. F.57-3-39-A., dated the 23rd March 1939.

[ ] Inserted under the Agricultural Produce (Grading and Marking) Amendment Act, 1943 (Act No. XX of 1943).

[ [ ] ] Inserted under the Agricultural Produce (Grading and Marking) Amendment Act, 1942 (Act No. XIII of 1942).

14. Lac	Authority.—Govt. of India, Deptt of Education, Health and Lands, Notification No. F.57-18/39-A., dated the 10th October, 1939.
15. Wheat	Education, Health and Lands - Departments Notification No. F.3-9(1)/41-A., dated the 17th March, 1941.
16. Sann hemp	Education, Health and Lands Department Notification No. F. 3-9 (3)41-A., dated the 21st April, 1941.
17. Sugarcane gur (Jaggery)	Education, Health and Lands Department Notification No. F. 3-26(5)4-A., dated the 16th February, 1942.
18. Myrobalans	Education, Health and Lands Department Notification No. F. 4-3/42-A., dated the 11th June, 1942.
19. Bura	Education, Health and Lands Department Notification No. F. 3-26/41-A., dated the 5th August, 1942.
20. Wool & Goat Hair	Ministry of Agriculture Notification No. 5-18/48-Co, dated 18th August, 1948.
21. Bristles	Ministry of Agriculture Notification No. F.4-5/50 Marketing dated 25th November, 1950.
22. Rosin and Turpentine	Ministry of Food and Agriculture (Agri.) Notification No. F.4-3/51-Dtc. II(M), dated 19th May, 1951.
23. Arcanauts	Ministry of Food and Agriculture (Agri.) Notification No. 4-4/51-Dtc.II (Marketing), dated 25th, May, 1951.
24. Essential Oils	Ministry of Food and Agriculture (Agri.) Notification No. F.5-86/52-Dtc. II, dated 22nd January, 1954.
25. Cashewnut	} Ministry of Food and Agriculture (Agri.) Notification No. F.25-1/54-Dtc. II, dated the 22nd April, 1954.
26. Cardamon	
27. Pepper	
28. Ginger	
29. Honey	Ministry of Food and Agriculture (Agri.) Notification No. F.5-31/55-AM, dated, 14th September, 1955.

30. Curry-powder

Ministry of Food and Agriculture  
(Agri.) Notification No. F.5-21  
/55AM, dated 19th January,  
1956.

31. Kapok

Ministry of Food and Agriculture  
(Agri.) Notification No. F.14-48  
/56AM, dated 31st May, 1956.

32. Raw Jute

Ministry of Food and Agriculture  
(Department of Agriculture) No-  
tification No. F.14-45/56-AM  
dated 11th September, 1957.

## APPENDIX II

### *General Grading and Marking Rules, 1937*

1. These Rules may be called the **General Grading and Marking Rules, 1937.**

2. Any person or body of persons desirous of being authorised to mark any article with a grade designation mark shall apply to the—

Agricultural Marketing Adviser to the Government of India, Nagpur.

3. (1) If after due enquiry the Agricultural Marketing Adviser [or any person duly authorised by him in this behalf] is satisfied that it is expedient in the interest of better marketing that the authorisation be granted and that the applicant is a fit and proper person to receive a Certificate of Authorisation, he shall issue such a Certificate to the applicant.

(2) Each Certificate shall state—

- (a) the name and address of the authorised person or body of persons;
- (b) the articles to which grade designation marks may, under the Certificate be applied;
- (c) the period for which the Certificate is valid; and
- (d) the premises at which alone the grade designation marks may be applied.

4. It shall be a condition of every Certificate of Authorisation—

- (a) that grade designation marks shall only be applied to the articles mentioned in the Certificate of Authorisation and at the premises therein mentioned;
- (b) that during the operation of the Certificate the holder thereof shall, at all reasonable times, give access to the premises named therein to any person duly authorised by the Agricultural Marketing Adviser or by the Central Government and shall afford him facilities for ascertaining that marking is being correctly performed;
- (c) that the holder of the Certificate will keep a record of the number of packages marked with each grade designation mark and will permit any person duly authorised by the Agricultural Marketing Adviser or by the Central Government to examine the record;
- (d) that the holder of the Certificate will permit any duly authorised person to take samples of any graded produce or to open and inspect any package bearing a grade designation mark, provided that all samples shall be paid for;
- (e) that any person authorised in this behalf by the Agricultural Marketing Adviser to the Government of India or by the Central Government may cancel or remove a grade designation mark from any produce [[should such produce be found by such person not to comply with the definition of quality prescribed for that article: provided that whenever grade designation marks are removed from graded produce belonging to distributors, and not to authorised packers, the latter shall, when so directed by the Agricultural Marketing Adviser to the Government of India make good to the former any loss sustained as a result of the removal of the grade designation mark, the loss being estimated on the basis of the additional value that the properly graded produce would have obtained in the market over and above the current market value of the corresponding quantity of the un-graded product]];

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[ ] Inserted by the Govt. of India, Department of Agriculture, Notification No. F. 10-3/46-R, dated the 3rd September, 1946.

[[ ]] Inserted by the Govt. of India, Department of Education, Health and Lands Notification No. F. 4-10/42A, dated the 6th May, 1943.

- (f) that all rules made under the Agricultural Produce (Grading and Marking) Act, 1937, [and all instructions regarding methods of sampling, analysis submission of periodical returns, etc., which may be issued, from time to time, by the Agricultural Marketing Adviser to the Government of India], shall be observed;
- (g) that any Certificate of Authorisation may be cancelled, revoked modified or suspended by the Agricultural Marketing Adviser or by any other person authorised by the Central Government in that behalf, provided that 14 days' notice in writing shall be given to the Certificate holder at the address stated on the Certificate and on opportunity given him for showing cause why his certificate should not be cancelled, revoked, modified or suspended;
- (h) that any holder of a Certificate of Authorisation may, with the written consent of the Agricultural Marketing Adviser, use a replica of the Agmark design on his business papers and catalogues;
- (i) that any stencil, rubber stamp, punch or other instrument or label required for marking produce in the prescribed manner shall only be obtained from the Agricultural Marketing Adviser or a person authorised by him on payment of such charges as the Central Government may from time to time fix in this behalf, shall be kept in safe custody by the holder of the Certificate and shall, so far as may be, be returned to the Agricultural Marketing Adviser or such authorised person when the Certificate ceases to be valid;
- (j) [that the issue or use of grade designation mark labels or any stencil, rubber stamp, punch or other instrument required for marking produce in the prescribed manner, may be withheld or withdrawn by the Agricultural Marketing Adviser to the Government of India or a person authorised by him in this behalf without any notice, for such period as he may consider expedient in the interest of better marketing, if he is satisfied or has reasons to believe that the authorised packer is not applying or is not likely to apply, grade designation marks correctly; and
- (k) that the holder of a Certificate of Authorisation shall pay such charges as may be prescribed by the Central Government, from time to time towards the expenses incurred in connection with measures for enforcing the quality control of scheduled articles marked with grade designation marks including testing of samples and inspection of such articles or with any publicity work carried out to promote the sale of any class of such articles].

## APPENDIX III

### *The Essential Oils Grading and Marking Rules, 1954.*

1. *Short title and application.*—(i) These Rules may be called the Essential Oils Grading and Marking Rules, 1954.

(ii) They shall apply to essential oils produced in India.

2. *Grade designations.*—Grade designations to indicate the quality of essential oils produced in India shall be as set out in column I of Schedules III and IV annexed to these rules.

3. *Definition of quality.*—The quality indicated by the grade designations shall be as set out against such designations in columns 2 to 7 of Schedules III and IV annexed to these Rules.

4. *Grade designation marks.*—The grade designation mark shall consist of a label bearing a design (consisting of an outline map of India with the word "AGMARK" and the figure of the rising sun with words "Produce of India") resembling that set out in Schedule I specifying the name of the essential oil, the grade designation and in colours specified in the aforesaid Schedule.

5. *Method of marking.*—(i) The grade designation mark shall be securely applied to each container in the manner approved by the Agricultural Marketing Adviser to the Government of India and the following particulars shall be marked on the container or the label:—

- (a) Name of packer;
- (b) Place of packing;
- (c) Date of packing; and
- (d) Lot number.

(ii) An authorised packer may after obtaining the previous approval of the Agricultural Marketing Adviser to the Government of India, mark his private trade mark on a container in a manner approved by the said officer:

Provided that the private trade mark does not represent quality or grade of essential oil different from that indicated by the grade designation mark affixed on the container in accordance with the said Rules.

(iii) Only clean containers which shall be securely closed and sealed in a manner approved by the Agricultural Marketing Adviser to the Government of India shall be used for packing.

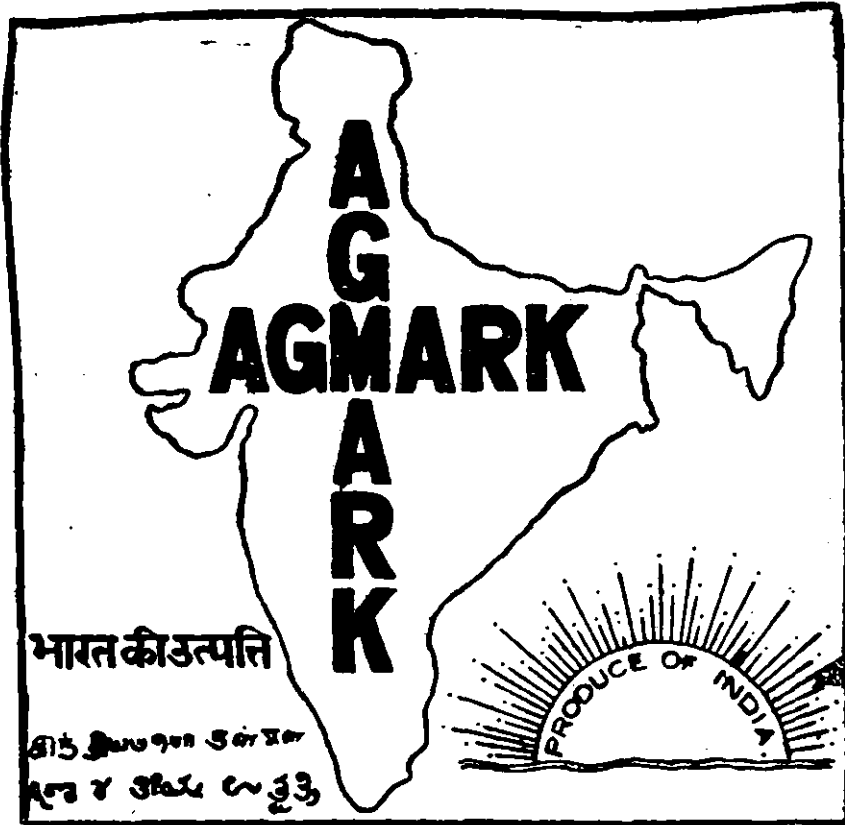
6. *Special conditions of Certificate of Authorisation.*—In addition, to the conditions specified in rule 4 of General Grading and Marking Rules, 1937, the conditions set out in Schedule II, shall also be the conditions subject to which a Certificate of Authorisation is issued for the purposes of rules.



## SCHEDULE I

(a) Grade designation mark for Essential Oils

[See rule 4]



(b) Colour scheme

(i) Lemongrass oil.

Grade designation	Colour of lettering showing the grade	Colour of border of the label.
Special . . . . .	Red	Red.
Grade A. . . . .	Green.	Green.

(ii) Sandalwood oil

Grade designation	Colour of lettering showing the grade	Colour of the border of the label
Grade A. . . . .	Red.	Red.

## SCHEDULE II.

[See rule 6]

- (a) An authorised packer shall have suitable arrangements for filtration, blending and storage of essential oils.
- (b) If an authorised packer handles more than one essential oil on the same premises, adequate precautions shall be taken to avoid the mixing of different oils.
- (c) An authorised packer shall make such arrangements for testing essential oils as may be prescribed and a duplicate sample from each lot of essential oil to be graded shall be forwarded to such Control Laboratory as may be notified from time to time by the Agricultural Marketing Adviser to the Government of India.
- (d) All instructions regarding the methods of sampling, analysis, packing etc., which may from time to time be issued by the Agricultural Marketing Adviser to the Government of India, consistent with the provisions of the Act and the rules made thereunder, shall be strictly observed.

## SCHEDULE III\*

## Grade designations and definitions of quality of East Indian Lemongrass Oil (Cochin Lemongrass Oil)

[See rules 2 and 3]

Physico-chemical characteristics						
Grade Designation	Specific gravity at 30°/30°C†	Optical rotation	Refractive index at 30°C‡	Total aldehyde (Citral) content determined by bisulphite method§	Solubility in 70% (by volume) ethyl alcohol	Description and appearance
1	2	3	4	5	6	7
Special	0.888 to 0.898	+1° to -3°	1.4786 to 1.4846	Not less than 80%	Soluble in 2 to 3 Volumes	The East Indian Lemongrass oil shall be the reddish yellow to brown mobile essential oil obtained by the process of steam distillation and/or water distillation of clean <i>Cymbopogon flexuosus</i> (D.C.) Stapf, plants, and shall be free from admixture with any other oil or substance.

1	2	3	4	5	6	7
Grade A	0.888 to 0.898	+1° to -3°	1.4786 to 1.4846	Not less than 76%	Soluble in 2 to 3 Volumes.	It shall have a lemon-like odour and shall be clear, free from any sedi- ment, and sus- pended matter. It shall be dry.

\*The specifications are based on the Indian Standard Specification for Lemongrass Oil (IS:327-1952).

†The correction factor for specific gravity for each degree Centigrade rise in temperature shall be (—)0.00079.

‡The correction factor for refractive index for each degree Centigrade rise in temperature shall be (—)0.00044.

§The actual citral content shall be suitably indicated.

#### SCHEDULE IV\*

Grade designations and definition of quality of East Indian sandal wood oil

[See rules 2 and 3]

Grade Designation	Physico-chemical characteristics					Description and appearance
	Speci- fic gra- vity at 30°/30°C†	Optical rotation	Refrac- tive in- dex at 30° C‡	Free alco- hol (Santalol) content	Solubility in 70% (by volume) ethyl alco- hol	
Grade A	0.962 to 0.976	-15° to -20°	1.4990 to 1.5060	Not less than 90%	Soluble in 5 Volumes.	The East Indian Sandalwood oil shall be the pale-yellow or nearly colourless essential oil obtained by steam distillation and/or water distillation of <i>Santalum album</i> , Linn, only, and shall be free from admixture with any other oil or substance.  It shall be clear, free from sediment and suspended matter. It shall be dry and shall have the characteristic faint but persistent odour and unpleasant taste

\*The specifications based on The Indian Standard Specification for Sandalwood Oil (IS:329-1952).

†The correction factor for specific gravity for each degree Centigrade rise in temperature shall be (—)0.00070.

‡The correction factor for refractive index for each degree Centigrade rise in temperature shall be (—)0.00039.

APPENDIX IV

Application for Certificate of Authorisation for Grading and Marking  
Essential Oils

To

The Agricultural Marketing Adviser to the  
Government of India  
Nagpur.

I/We \_\_\_\_\_

(Business or Designation) \_\_\_\_\_

Full Address \_\_\_\_\_

being desirous of marking \_\_\_\_\_  
(Name of essential oil/oils)

with a grade designation mark in accordance with the Rules made under the  
Agricultural Produce (Grading & Marking) Act, 1937, hereby make applica-  
tion for a Certificate of Authorisation and furnish the following particulars:—

1. Name and postal address.....
2. Abbreviated telegraphic address, if any.
3. Full address of the premises where grading and marking with a grade designation mark is proposed to be done.
4. Period for which I/We have been in the trade.
5. Name of the essential oil(s) which will be graded.
6. Approximate quantity, if any, of essential oil(s) handled during the past 5 years.

Year	Approximate quantity lbs./Kilograms
19 . . . . .	_____
19 . . . . .	_____
19 . . . . .	_____
19 . . . . .	_____
19 . . . . .	_____

7. Approximate quantity of essential oil (s) proposed to be graded during the year/season.
8. Names of the markets where graded oil is proposed to be sold.
9. Bank reference.

I/We hereby declare that the information given above is correct and true. I/We have carefully gone through the Agricultural Produce (Grading & Marking) Act, 1937, the General Grading & Marking Rules, 1937 and the Essential Oils Grading & Marking Rules, 1954, made under the Act and the special instructions issued by the Agricultural Marketing Adviser to the Government of India in connection with the grading of essential oils and agree to abide by them as well as any others which he might issue in future.

Dated the.....

Signature(s) of the applicant(s).

In view of the particulars given overleaf I have ascertained the bonafides of the applicant(s) in regard to his/their capacity for starting and maintaining satisfactorily an establishment for grading essential oils and consider /do not consider the applicant(s) to be fit enough to deal with the scheme and therefore recommend/do not recommend him/them to the Agricultural Marketing Adviser to the Government of India for the grant of a Certificate of Authorisation.

Other remarks, if any:

Dated the .....

Signature.....

Designation.....

APPENDIX V

Application for renewal of Certificate of Authorisation

To :

The Agricultural Marketing Adviser to the Government of India, Nagpur.

I/We \_\_\_\_\_ Business or Designation \_\_\_\_\_ Address \_\_\_\_\_ have been grading (name of essential oil) under the Agricultural Produce (Grading and Marking) Act, 1937 and the relevant rules made thereunder since the \_\_\_\_\_ 19 \_\_\_\_\_. The present Certificate of Authorisation issued to me/us expires on \_\_\_\_\_ 19 \_\_\_\_\_. During the period of the present Certificate of Authorisation the following quantities of \_\_\_\_\_ oil(s) has/have been graded by me/us.

Quantity (in lb.) Kilograms.

As I/we am/are desirous of continuing the grading of oil(s), it is requested that the Certificate of Authorisation for grading at the following premises only may be renewed :

Full address of premises } \_\_\_\_\_

My/Our present Certificate\* of Authorisation is enclosed herewith.

Signature.....

To be filled in by the forwarding officer.

I am/am not satisfied with the work done by the applicant(s) during the past \_\_\_\_\_ months/year. The quantity mentioned by the applicant(s) to have been graded has been checked and is found correct. I, therefore, recommend/do not recommend him/them for the renewal of the Certificate of Authorisation for a period of \_\_\_\_\_ from \_\_\_\_\_.

Other remarks, if any :—

Dated the.....

Designation.....

Signature.....

\*The Certificate should be attached to the copy sent through the Deputy Senior Marketing Development Officer, Cochin-3.

**APPENDIX VI**

**Application for the inspection and sampling of essential oil(s)**

Place \_\_\_\_\_

Date \_\_\_\_\_

**From**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**To**

**The Deputy Senior Marketing Development Officer/  
Dy. Marketing Development Officer,  
Essential Oils Grading Scheme, Cochin-3.**

**Dear Sir,**

I/We request you to please arrange for the inspection and sampling of  
\_\_\_\_\_lb. Kilograms of \_\_\_\_\_ in \_\_\_\_\_ lot(s) in  
[name(s) of the essential oil]  
storage tanks/packed in containers of \_\_\_\_\_lb./kilograms capa-  
city each at \_\_\_\_\_  
(address of the authorised premises).

**Yours faithfully,**

**Signature of the authorised  
packer or his representative.**

APPENDIX VII

Specimen of Agmark Grading Certificate.

GOVERNMENT OF INDIA

MINISTRY OF FOOD AND AGRICULTURE  
(DEPARTMENT OF AGRICULTURE)

DIRECTORATE OF MARKETING AND INSPECTION

(ORIGINAL)

Book No:

Certificate No.:

OFFICE OF THE DEPUTY SENIOR MARKETING  
DEVELOPMENT OFFICER, ESSENTIAL OILS  
GRADING SCHEME.

Cochin 3, dated the.....19

Certificate of Agmark Grading

Certified that the consignment of lemongrass/sandalwood oil as per details given below has been found to conform to the specifications prescribed for the oil under the Essential Oils Grading & Marking Rules, 1954.

Name of the authorised packer\_\_\_\_\_

Details of Certificates issued, if any\_\_\_\_\_

Particulars of the packages

Name, Grade of the oil and Lot No.	Number of packages	Agmark label Numbers		Citral/Santalol per cent at the time of grading	Party's shipping Numbers		Party's marks
		From	To		From	To	
1	2	3		4	5	6	

Remarks :

Deputy Senior Marketing Development Officer,  
Essential Oils Grading Scheme.

NOTE.—The original is meant for the Customs use.



APPENDIX VIII

*Application for the issue of the Certificate of Agmark Grading*

From

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

To

The Deputy Senior Marketing Development Officer,  
Essential Oils Grading Scheme,  
Willington Island,  
Cochin-3.

Sir,

I/We request you to please issue a Certificate of Agmark Grading for the following essential oil packages, particulars of which are given below :

Name of the oil and grade(s)	Date of inspection & lot number	Date of packing	No. of packages in each grade and size of container	Serial Nos. of Agmark labels	Shipping Nos. and identification marks, if any
				From To	
1	2	3	4	5	6

Yours faithfully,

Place \_\_\_\_\_

for \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_

## APPENDIX IX

*Application for the issue of a fresh Certificate of Agmark Grading in the event of sale prior to export of a consignment of graded and marked essential oil packages*

Place \_\_\_\_\_

Date \_\_\_\_\_

From \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

To

The Deputy Senior Marketing Development Officer,  
 Essential Oils Grading Scheme,  
 Willingdon Island,  
 Cochin-3.

Sir,

I/We request you to please issue a fresh Certificate of Agmark Grading for the following essential oil packages graded and marked at the authorised premises of \_\_\_\_\_.

1. Name and address of the buyer.
2. Date of sale.
3. Particulars of essential oil packages,

Name of the oil and grade(s)	Date of inspection and lot number	Date of packing	No. of packages in each grade and size of container	Serial Nos. of Agmark labels		Shipping Nos. and identification marks of the buyer, if any
				From	To	
1	2	3	4	5	6	

Yours faithfully,

for \_\_\_\_\_  
 Signature \_\_\_\_\_

**NOTE** —When a Certificate has already been issued it shall be returned by the authorised packer along with his application.

**APPENDIX X**  
*Specimen of Treasury Chalan*

**T. R. 6**  
**(Treasury Rule 92)**

Adjustable by the Accountant General,  
Central Revenues (T. G. Section)  
New Delhi.

Chalan No. \_\_\_\_\_

Chalan of cash paid into the Treasury/Sub-Treasury  
Imperial Bank of India at \_\_\_\_\_  
Reserve Bank of India

To be filled in by the Remitter			To be filled in by the Departmental officer or the Treasury		
By whom tendered	Name (or designation) and address of the person on whose behalf money is paid	Full particulars of the remittance and of authority (if any)	Amount	Head of Account	Order to the bank
1	2	3	4	5	6

Name and Signature of the person who deposits the amount.

Name and address of the party.

Label charges /Cost of adhesive/cost of lead seals to the credit of the A.M.A. to the Govt. of India, Nagpur.

XXIX-Agriculture—Central Agricultural Receipts—Essential Oil Receipts/Adhesive/ Receipts/Grading Equipment Receipt.

Date Correct Receive and grant receipts.

Signature

Total\*

Signature and full designation of the Officer ordering the money to be paid in.

\*(In words) Rupees

To be used only in the case of remittance to the Bank through departmental officer or the Treasury Officer.

Received payment (in words) Rupees

Treasurer

Accountant

Date

Treasury Officer.

Agent

**APPENDIX XI**  
*Specimen of analytical report.*

**E.O.G.S.-r**

Name of the grading station \_\_\_\_\_ C/A No. and period of validity \_\_\_\_\_  
Name of the essential oil \_\_\_\_\_

Serial No.	Lot No.	Date of Sampling	Quantity in pounds	Date of receipt of analytical report with citral/santalol content	Date on which Agmark labels applied	No. of containers (with capacity) filled under each grade	Grade and Serial Nos. of Agmark labels used		Remarks
							From	To	

APPENDIX XII

*Specimen of monthly return of charges of Agmark labels*

E. O. G. S.—2

GOVERNMENT OF INDIA

MINISTRY OF FOOD & AGRICULTURE  
(DEPARTMENT OF AGRICULTURE)

DIRECTORATE OF MARKETING AND INSPECTION

*Essential Oils Grading Scheme*

Monthly return of charges on Agmark labels used on containers of essential oils in accordance with clause 4(i) of General Grading & Marking Rules, 1937

No. \_\_\_\_\_

Place \_\_\_\_\_

Date \_\_\_\_\_

Statement showing the amount due to the Agricultural Marketing Adviser to the Government of India on account of the use of Agmark labels for essential oils \_\_\_\_\_ during the month of \_\_\_\_\_ at \_\_\_\_\_ (Name of Grading Station).

Lot No.	Date of Agmarking	Quantity in lb./kilo-gram	Charges at Rs. _____ per 100 lb. 45-4 kilograms
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Total amount due (in words) \_\_\_\_\_.

This amount is being remitted to the Deputy Senior Marketing Development Officer, Essential Oils Grading Scheme, Cochin-3, by Treasury Chalan No. \_\_\_\_\_ Bank draft.

Signature of the authorised packer.

The Deputy Senior Marketing Development Officer,  
Essential Oils Grading Scheme,  
Cochin-3.

Copy to the Agricultural Marketing Adviser to the Government of India, Nagpur.

**APPENDIX XIII**

*Record of the Sampling and Analysis of Essential Oils*

**E.O.G.S.-3**

**ESSENTIAL OILS GRADING SCHEME**

Name of the Grading Station.....

Name of the Essential Oil.....

Serial No.	Date of sampling	Lot number	Quantity of oil in the lot	Date on which analysis was completed	Analytical Results					General Remarks	Grade assigned	Other remarks	Signature of the Chemist
					Specific gravity at 30°/30° C.	Optical rotation	Refractive Index at 30° C	Citral/Santalol content	Solubility in 70% ethyl-alcohol				
1	2	3	4	5	6	7	8	9	10	11	12	13	14

APPENDIX XIV

Specimen of certificate giving analytical value of Sandalwood oil  
GOVERNMENT OF INDIA

MINISTRY OF FOOD & AGRICULTURE  
(DEPARTMENT OF AGRICULTURE)

DIRECTORATE OF MARKETING AND INSPECTION

OFFICE OF THE DEPUTY SENIOR MARKETING DEVELOPMENT OFFICER,  
ESSENTIAL OILS GRADING SCHEME

Book No. Cochin 3,  
Kanpur 3, dated the .....195 .  
Serial No.

Certificate of Analysis of Sandalwood Oil

Lot No. .... Date of sampling ..... 195 .

Quantity in the lot ..... lb. Date of analysis ..... 195 .

Reference to Agmark Grading Certificate issued .....  
Specific Gravity 30°/30° C .....  
Optical rotation .....  
Refractive Index at 30° C .....  
Solubility (in 70% ethyl alcohol) .....  
Free alcohol(as Santalol) per cent .....  
Remarks

Place :  
Date :

Deputy Senior Marketing Development Officer,  
Cochin-3.

## LIST OF PRICED PUBLICATIONS—Contd.

1	2	3	4
*19	AMA 7.39	Annual Report of the Agricultural Marketing Adviser and Summarised Reports of Senior Marketing Officers in Provinces and certain States for the year ending 31st December, 1939 . . . . .	Rs. 1-10-0 or 2s. 6d.
*20	AMA 11	Report on the Marketing of Grapes in India and Burma . . . . .	Rs. 1-4-0
*21	AMA 18	Report on the Marketing of Coffee in India and Burma . . . . .	Rs. 1-4-0
*22	AMA 21	Report on the Marketing of Potatoes in India and Burma . . . . .	Rs. 1-4-0
*23	AMA 22	Report on the Marketing of Milk in India and Burma . . . . .	Rs. 1-4-0
*24	AMA 25	Preliminary Guide to Indian Fish, Fisheries, methods of Fishing and Curing . . . . .	Re. 1-0-0
25	AMA 27	Abridged edition of the Report on the Marketing of Eggs in India and Burma in Urdu . . . . .	Re. 0-8-0
26	AMA 26	Abridged edition of the Report on the Marketing of Eggs in India and Burma in Hindi . . . . .	Re. 0-8-0
*27	AMA 20	Report on the Marketing of Rice in India and Burma . . . . .	Rs. 1-4-0
*28	AMA 24	Report on the Marketing of Groundnuts in India and Burma . . . . .	Rs. 1-4-0
*29	AMA 7.40	Annual Report of the Agricultural Marketing Adviser and Summarised Reports of Senior Marketing Officers in Provinces and certain States for the year ending 31st December, 1940 . . . . .	Rs. 1-4-0
30	AMA 28	Abridged edition of the Report on the Marketing of Potatoes in India and Burma in English . . . . .	Re. 0-8-0
31	AMA 29	Abridged edition of the Report on the Marketing of Grapes in India and Burma in English . . . . .	Re. 0-8-0
*32	AMA 30	Abridged edition of the Report on the Marketing of Milk in India and Burma in English . . . . .	Re. 0-8-0
*33	AMA 39	Hand-book on the quality of Indian Wool . . . . .	Re. 0-8-0
*34	AMA 38	Abridged edition of the Report on the Marketing of Tobacco in India and Burma in English . . . . .	Re. 0-8-0
*35	AMA 31	Abridged edition of the Report on the Marketing of Groundnuts in India and Burma in English . . . . .	Re. 0-8-0
*36	AMA 41	Report on the Marketing of Hides in India and Burma . . . . .	Rs. 1-4-0
*37	AMA 35	Abridged edition of the Report on the Marketing of Rice in India and Burma in English . . . . .	Re. 0-8-0
*38	AMA 34	Instructions regarding the Grading and Marketing of Ghee in connection with Agricultural Produce Grading and Marking (Ghee) Rules, 1938 . . . . .	Re. 0-4-0

(Continued from the inside front title cover.)



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*40	AMA 37	Report on the Marketing of Skins in India and Burma	Rs. 1-4-0
*41	AMA 22.2	Second edition of the Report on the Marketing of Milk in India, and Burma	Rs. 1-4-0
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*43	AMA 42	Report on the Marketing of Citrus Fruits in India	Rs. 1-4-0
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		A note for the guidance of parties wishing to grade Ghee under Agmark (Hindi)	
		Ghee Series I & II (Hindi)	
		Atlas on Food crops	
		Essential Oils and Lemongrass Oil Grading Instructions	
		Agricultural Produce Grading and Marking Act, 1937	
		Administration Report for the Directorate of Marketing and Inspection for the year 1956.	
		Report on the Marketing of Fruit Products order 1955 in India.	
		Atlas on Commercial crops.	
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