

FORM VII A
[Refer Rule 2.4.4(6)]
REPORT OF THE FOOD ANALYST

Report No. **63**

Certified that I **M. MONI** (name of Food Analyst) duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for **Kannur circle** (name of the local area) have received from the **Food Safety Officer, Kannur circle** * a sample of **Ghee** bearing Code number **4485** of Designated Officer of **Kannur area*** on **Thirty first day of March 2014** (date of receipt of sample) by courier for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:-
Intact/damaged/missing (delete where in applicable)

I found the sample to be **Ghee** (category of the sample) falling under Regulation No. **2.1.10:2** of Chapter 2 of Food Safety and Standards Regulations. The sample was in a condition fit for analysis and the analysis started on **7.4.14** and **completed on 25.4.14** (give date of starting and completion of analysis) and the result of its analysis is given below/ ~~was not in a condition fit for analysis for the reason given below:~~

Reasons: Nil

Analysis Report

Refer Rule 2.4.2 (5)

- (i) Sample Description (What it contains): The sample received in a plastic bottle sealed by the Food Safety Officer.
- (ii) Physical Appearance of sample/container: The sample consists of yellow coloured semi-solid substance.
- (iii) Label declaration: No company label.

Sl. No	Quality characteristics	Nature of method of test used	Result	Prescribed standards as per Regulation 2.1.10:2 of FSS(Food Products Standards & Food Additives) Regulations 2011.
1	Refractive Index at 40°C	DGHS Method	1.4580	--
2	Butyro Refractometer reading at 40°C	DGHS Method	48.0	40.0 to 43.0
3	Minimum Reichert value	DGHS Method	0.59	26.0
4	Free Fatty Acid as oleic acid	DGHS Method	0.18 percent	Maximum 3.0 percent
5	Moisture	DGHS Method	0.12 percent	Maximum 0.5 percent
6	Test for added colouring matter	DGHS Method	Negative	Shall be negative
7	Baudouin test	DGHS Method	Negative	Shall be negative
8	Animal fat (Beef, Mutton & Pork) (By Microscopic Examination)	ICMR Method	Not detected	Shall be absent
9	Test for mineral oil (TLC Method)	DGHS Method	Negative	Shall be negative

Note: 1. The test report relates to the received sample only.
2. No facility for the detection of Animal fat by fatty acid profile in oils and fats due to the lack of GC & GCMS instrument.

Report (sample wise): The said sample does not conforms to the standards prescribed for Ghee falling under Regulation 2.1.10:2 of Food Safety and Standards (Food Products Standards & Food Additives) Regulations 2011 and is therefore sub-standard.

Signed this: Twenty fifth day of April 2014..

Address:

The Designated Officer,
Kannur.



(Seal)

[Signature]
Food Analyst