

FORM VIIA
REPORT OF THE FOOD ANALYST
[Refer rule 2.4.4(6)]

Report No.30/2013-'14

Certified that I, **JAYAPRABHA.J.P** duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for all the Local Areas of the State have received from, **Food Safety Officer, Kollam Circle** a sample of **Ghee (Sreekrishna)** bearing **Code No. 036** and Serial Number (not mentioned in the Form VI memorandum) of the **Designated Officer, Kollam District** on **Thirty first day of October 2013** by courier for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:-
 Intact/~~damaged~~/missing.

I found the sample to be **Ghee** falling under Reg: **2.1.10:2 of Food Safety and Standards Regulations 2011**. The sample was in a condition fit for analysis and has been analysed on **20.11.2013** and completed on **22.11.2013** and the result of its analysis is given below.

ANALYSIS REPORT

[Refer rule 2.4.2(5)]

- (i) Sample Description: The sample received in five sealed and company labelled plastic bottle
- (ii) Physical appearance: Sample consists of pale yellow coloured semi solid
- (iii) Label declaration : **SREE KRISHNA GHEE Pure Cow Ghee, Veg: Symbol-Present, Net weight 100 ml at 33⁰ C, Batch No. AA 16, Pkd: on Nil, Best before 6 months from the date of packing, Packed by: A Quality product from Balakrishna & Co., 20/6, East Car Street, Dindigal – 1.**

| Sl. No. | Quality Characteristics | Nature of method of test used | Result | Prescribed Standard as per Regulation No.2.1.10:2 of FSS (Food Products Standard And Food Additives) Regulation 2011 |
|---------|--------------------------------------|-------------------------------|--------------|--|
| 1. | Mould growth | Visual Method | Absent | Shall be absent |
| 2. | Butyro refractometer reading at 40°C | IS Method | 49.2 | 40.0 to 43.0 |
| 3. | Moisture | IS:548 Part I:1964 | 0.03 percent | Maximum 0.5 percent |
| 4. | Reichert Value | IS:548 Part I:1964 | 1.3 | Minimum 26.0 |
| 5. | Free Fatty Acid as Oleic acid | IS:548 Part I:1964 | 0.14 percent | Maximum 3.0 percent |
| 6. | Baudouin test | IS:548 Part II:1964 | Negative | Shall be negative |
| 7. | Added colouring matter | IS:548 Part II:1964 | Absent | Shall be absent |
| 8. | Test for mineral oil | IS:548 Part II:1964 | Negative | Shall be negative |

Report : The Reichert Value of the sample is very low (1.3). So it is an admixture of Ghee with a fat which is an imitation of or a substitute for Ghee. The sale of such an admixture is prohibited as per Regulation 2.3.7 of Food Safety and Standards (Prohibition and Restriction of Sales) Reg: 2011.

I am further of the opinion that the said sample is **Substandard** as per section 3.1(zx) of Food Safety and Standard Act 2006 and **Misbranded** as per section 3(1) (zf) (c) (i) of Food Safety and Standard Act 2006.

Any other observation: Nil

Signed this: Twenty fifth day of November 2013.

Jayaprabha

JAYAPRABHA.J.P
Food Analyst

To

The Designated Officer,
Office of the Designated Officer,
T. B. Center 1st Floor,
Kollam- 691001.



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The test reports relate to the test items of the received part only.