

FORM B
Report of the Food Analyst
(Refer Regulation (ii) of 2.3.1)

Report No. 17/2014-15.

Certified that I **Jaya.I** duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for **all the Local Areas of the State** received from **Food Safety Officer, Vypin Circle** a sample of **Coconut oil (Collected from Njarackal)** bearing Code number **1626** and Serial Number (Not mentioned in Form VI Memorandum) of the Designated Officer of **Ernakulam District** on **Twenty third day of August 2014** by courier for analysis.

The condition of seals on the container and the outer covering on receipt was as follows:

The seals fixed on the container and outer cover of the sample were tallied with the specimen impression of the seal send separately with a copy of memorandum in a sealed cover by the Food Safety Officer. The seals are found correct and intact.

I found the sample to be **Coconut oil** falling under Regulation No. **2.2.1:1** of Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011. The sample was in a condition fit for analysis and has been analysed on **29/08/14** and completed on **03/09/14** (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:~~

Analysis report

(i) Sample Description : **Coconut oil (450 g)**

(ii) Physical Appearance : **The sample consists of pale yellow coloured viscous liquid received in sealed labelled plastic packet.**

(iii) Label : **ONAM COCONUT OIL, Roasted Micro Filtered Coconut oil Edible grade. A Quality Product from Nirmal. B. No. 0079, Pkd. on AUG 2014. Best Before within 6 months from the date of packing. Mfd by:- M/s Nirmal Oil Industries, Kodakara, Mattathur Kunnu, Thrissur. Veg. logo:- Present, Nutritional Value in 100g of oil - Present. Fssai No. 11313008002011, Net wt : 500ml**

Sl. No	Quality Characteristics	Name of Method of test used	Results	Prescribed Standards as per (a) Food Safety and Standards (Food Products standards and Food Additives) Regulations 2011 (Reg.2.2.1 : 1) (b) As per label declaration for proprietary food (c) As per provisions of the Act, rules and regulations for both the above.
1	Butyro refractometer reading at 40°C	IS- 548 : 1964	36.4	34.0 - 35.5
2	Saponification value	IS- 548 : 1964	246.19	Not less than 250
3	Iodine value	IS- 548 : 1964	16.32	7.5 to 10
4	Polenske value	IS- 548 : 1964	9.0	Not less than 13.0
5	Acid value	IS- 548 : 1964	1.58	Not more than 6.0
6	Baudouin test	ICMR 1990	Negative	Shall be Negative
7	Halphen's test	ICMR 1990	Negative	Shall be Negative
8	Test for Argemone oil	ICMR 1990	Negative	Shall be Negative
9	Test for mineral oil	ICMR 1990	Negative	Shall be Negative

Opinion : **The said sample does not conform to the standards prescribed for 'Coconut oil' falling under Regulation No. 2.2.1: (1) of FOOD SAFETY AND STANDARDS (FOOD PRODUCTS STANDARDS AND FOOD ADDITIVES) REGULATIONS, 2011 and is therefore Substandard under section 3.1 (zx) of Food Safety & Standards Act, 2006.**

Signed this **Third day of September 2014.**

Address:

**The Designated Officer, Ernakulam District
Office of the Designated Officer, Door No.14/468
Azad Junction, Erorr South.P.O., Thripunithura,
Ernakulam District - 682 306.**




Food Analyst

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