

**FORM B**  
**REPORT OF THE FOOD ANALYST**  
 (Refer Regulation (2) of 2.3.1)

Report No. 727

Certified that M. V.K. Sujatha (name of Food Analyst) duly appointed under the provisions of Food Safety and Standards Act, 2006 (34 of 2006), for Koyilandy Municipality (name of the local area) have received from the Food Safety Officer, Koyilandy circle (Sample collected from Koyilandy Municipality\* a sample of Rice bran oil bearing Code number 3764 of Designated Officer of Kozhikode area\* on Fourteenth day of August 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:-

The seal found correct and intact.

I found the sample to be Rice bran oil (category of the sample) falling under Regulation 2.2.1:23 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 18.8.14 - 25.8.14 (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

(i) Sample Description : The sample received in a sealed and company labelled plastic bottle.

(ii) Physical Appearance: The sample consists of yellow coloured oil.

(iii) Label: Company label: കിന്ദിയാ എണ്ണ . Net wt. 500ml. Max. Retail Price Rs. 62 (Inclusive of all taxes). Packed on 14 July 2014. Batch No. 12. Best before 6 months from the date of packing. Nutritional information - Present. Veg. logo - Present. Mkt'd by - Pavizham Healthier Diet Pvt. Ltd, Koovappady, Kerala-683544, South India: FSSAI Licence No. 11312007000412. Ingredient: Rice bran oil. edible refined rice bran oil. Net content at 30°C 1 litre (910g). Contains permitted anti oxidant.

Sl. No.	Quality characteristics	Nature of method of test used	Result	Prescribed standards as per Regulation 2.2.1:23 of (a) Food Safety and Standards (Food Products Standards & Food Additives) Regulations, 2011 (c) As per provisions of the Act, rules and regulation for both the above.
1	Refractive Index at 40°C	DGHS Method	1.4660	1.4600 - 1.4700
2	Butyro refractometer reading at 40°C	DGHS Method	60.2	51.0-66.4
3	Iodine value (Wij's Method)	DGHS Method	95.0	90 - 105
4	Saponification value	DGHS Method	191.8	180-195
5	Acid value	DGHS Method	0.22	Not more than 0.5
6	Test for added colouring matter	DGHS Method	Negative	Shall be negative

Contd...2

- Note: 1. The test report relates to the received sample only.  
 2. Argemone oil not detected due to the non-availability of standard Argemone Oil.  
 3. Fatty acid profile is not detected due to the lack of GC and GCMS instrument.

Opinion\*\*\*: The said sample conforms to the standards prescribed for Rice Bran oil as per Regulation 2.2.1:23 of Food Safety & Standards (Food Products Standards & Food Additives) Regulations, 2011. I am further of opinion that the sample is not labeled in accordance with the requirements of the Regulation 2.4.2(5) of Food Safety and Standards (packaging and Labelling) Regulation 2011. Therefore it is misbranded as per section 3.1 (f) C(1) of Food Safety & Standards Act 2006.

Signed this: Twenty seventh day of August 2014.

Address:  
 The Designated Officer,  
 Kozhikode.



  
 Signature  
 Food Analyst

7	Baudouin test	DGHS Method	Negative	Shall be negative
8	Halphen's test	DGHS Method	Negative	Shall be negative
9	Test for mineral oil (TLC method)	DGHS Method	Negative	Shall be negative
10	Moisture and volatile matter	DGHS Method	0.024 percent by weight	Not more than 0.1 percent by weight
11	Unsaponifiable matter, percent by weight	DGHS Method	3.18 percent	Not more 3.5 percent (a) for chemically refined
12	Label provision	--	Not labelled as REFINED RICEBRAN OIL in the Principal display pannel	contravenes Regulation 2.2.1.5, 2.2.2.1, 2.4.2(5) of FSS (Packaging and labeling Regulations, 2011)



Food Analyst

Kozhikode,  
27.8.14.