


**Issued to:** ORGANIC G

PLOT NO 1,2 GANESH NAGAR, NR.  
PODDAR WORLD SCHOOL, SAMA-  
CHHANI CANAL ROAD, CHHANI,  
VADODARA-391740, GUJARAT

Email: cafeorganicg@gmail.com

Kind Attention: Sunil Joshi

**Lab Ref. No.:** AA076858

**Booking ID :** BID-007135

**Report number :** NCL-016726

**Report issue date :** 08-02-2024

**ULR No. :** TC1151624000001878F

**Customer Request ref.:**

| Customer Provided Information  |                                 |                              |    |
|--------------------------------|---------------------------------|------------------------------|----|
| <b>Name of the Sample:</b>     | Ghee                            |                              |    |
| <b>Batch Number:</b>           | OG0224                          | <b>Customer Sample Code:</b> | NA |
| <b>Mfg. Date:</b>              | 02 Feb 2024                     | <b>Exp. Date:</b>            | NA |
| <b>Other details (if any):</b> | Cow Ghee Sample quantity:500 ml |                              |    |

| Laboratory Provided Information |            |                                  |            |
|---------------------------------|------------|----------------------------------|------------|
| <b>Sample Receipt Date:</b>     | 03-02-2024 | <b>Analysis Completion Date:</b> | 08-02-2024 |
| <b>Sampling Details:</b>        | NA         |                                  |            |
| <b>Other details (if any):</b>  | NA         |                                  |            |

## TEST RESULTS

### 1 Chemical

#### 1.1 Food & Agricultural products (except Human Milk)

| Sr. No | Parameters                                                   | Unit | Results                   | Specification<br>FSSAI<br>requirement | LOQ | Test Method                                                                                         |
|--------|--------------------------------------------------------------|------|---------------------------|---------------------------------------|-----|-----------------------------------------------------------------------------------------------------|
| 1      | Free fatty acid<br>(oleic acid)                              | %    | As Such Basis<br>0.577    | 2.000 (Max.)                          | -   | FSSAI 01.089.2022<br>Manual of Method of<br>Analysis of Food<br>(Dairy and dairy<br>products): 2022 |
| 2      | Baudouin test                                                |      | As Such Basis<br>Negative | Negative                              | -   | FSSAI 01.091.2022<br>Manual of Method of<br>Analysis of Food<br>(Dairy and dairy<br>products)       |
| 3      | Butyro<br>Refractometer<br>reading (at 40<br>degree celsius) |      | As Such Basis<br>41.470   | 40.000 -<br>44.000                    | -   | FSSAI 01.088.2022<br>Manual of Method of<br>Analysis of Food<br>(Dairy and dairy<br>products)       |
| 4      | Reichert Meissl<br>(RM) value                                |      | As Such Basis<br>31.760   | 24.000 (Min.)                         | -   | FSSAI 01.090.2022<br>Manual of Method of<br>Analysis of Food<br>(Dairy and dairy<br>products)       |
| 5      | Polenske value                                               |      | As Such Basis<br>1.740    | 0.500 - 2.000                         | -   | FSSAI 01.090.2022                                                                                   |



|    |                      |       |               |                               |                   |        |                                                                                   |
|----|----------------------|-------|---------------|-------------------------------|-------------------|--------|-----------------------------------------------------------------------------------|
|    |                      |       |               |                               |                   |        | Manual of Method of Analysis of Food (Dairy and dairy products)                   |
| 6  | Moisture             | %     |               | 0.185                         | 0.500 (Max.)      | -      | FSSAI 01.086.2022 Manual of Method of Analysis of Food (Dairy and dairy products) |
| 7  | Milk fat (%)         | %     | As Such Basis | > 99.500                      | 99.500 (Min.)     | -      | Clause 4 of IS 3509 : 1966                                                        |
| 8  | Iodine Value         |       | As Such Basis | 30.862                        | 25.000 - 38.000   | -      | FSSAI 02.010.2021 Manual of method of analysis of foods (Oils and Fats)           |
| 9  | Saponification Value |       | As Such Basis | 215.323                       | 205.000 - 235.000 | -      | FSSAI 02.007.2021 Manual of method of analysis of foods (Oils and Fats)           |
| 10 | $\beta$ -Sitosterol  | mg/kg | As Such Basis | Below limit of quantification | Absent            | 10.000 | FSSAI file no.1-90/FSSAI/SP(MS&A)                                                 |

The above sample complies to the requirements of specified standard for the tested parameters.

Remarks:- LOQ : Limit of Quantification.

V.No : M

End of Test Report

Authorized Signatory  
(Chemical)



## **Terms and Conditions**

- 1) This test result/report(s) relates only to the tested samples and the applicable parameters. Endorsement based on such report on the product is neither inferred nor implied.
  - 2) The sample description is given as specified by the customer and NDDB CALF Ltd is not responsible for verifying it in all cases. Sample is not drawn by NDDB CALF Ltd (unless specified in the Report) and analysis will be conducted on the "as is" received basis unless specified otherwise.
  - 3) NDDB CALF Ltd is not responsible for any variation(s) in characteristics of samples taken up for analysis, under any circumstances including that of holding up/delay caused for more clarification(s) by the customer.
  - 4) Samples are disposed-off after the prescribed period of retention as mentioned below or as per regulatory requirements:
    - a) Perishable items- Immediately after reporting.
    - b) Non-perishable items after one month of reporting.
  - 5) The test reports shall not be reproduced wholly or in parts or in any manner whatsoever by anyone and cannot be used as an evidence in any court of law, unless required as per the directions of any court and shall not be used in advertising media/social media/print media/any other media, without prior written permission of the Managing Director/Dy. MD, NDDB CALF Ltd.
  - 6) NDDB CALF Ltd does not owe any responsibility for any consequences/conclusions drawn, in the event, customer is circulating the reports on social media. Further, such customers are liable to be prosecuted and for payment of damages if any caused to the NDDB CALF Ltd.
  - 7) NDDB CALF Ltd maintains strict confidentiality of all the raw data for analysis and test result(s)/report(s) and does not reveal such information to any third party, unless it is required under law from the Competent Authority/Court.
  - 8) Test report(s) is/are issued strictly on the basis of information, documents and/ or samples provided by the customer and solely for the benefit of the customer who shall be solely responsible for acting, on the basis of such report or finding. NDDB CALF Ltd shall not be liable and responsible to the customer or any third party for any actions taken or not taken on the basis of such report or finding.
  - 9) Complaints regarding this report, if any shall be communicated in writing within seven days of issue of this report to [customercell@nddbcalf.com](mailto:customercell@nddbcalf.com).
  - 10) Under no circumstances, NDDB CALF Ltd accepts any liability towards any loss or damage caused by use or misuse of test report(s). Liability of NDDB CALF Ltd is limited to the extent of test fee charges, in case of any discrepancies/ damages to the samples etc. caused /loss caused in the custody of the NDDB CALF Ltd laboratory.
  - 11) The customer is liable to pay the testing charges as decided and revised from time to time by NDDB CALF Ltd and customers shall pay all the charges and costs either in advance or at the time of handing over the samples for analysis or before collecting the report, as instructed by the NDDB CALF Ltd. The fee is non-refundable and applicable taxes, surcharges, cess including GST shall be levied on the aforementioned charges and payable by the Customer.
  - 12) All disputes are subject to the Anand, Gujarat jurisdiction only.
  - 13) This test result/report shall be destroyed/disposed-off after 5 years from the date of issue as per retention policy of NDDB CALF Ltd.
  - 14) Customer agrees to be bound by all the terms & conditions mentioned herein above.
- By placing any work order or sending samples for testing, the customer confirms that they accept the applicable NDDB CALF Ltd terms & condition of service.