



ए 2 मिल्क रिसर्च कॉर्पोरेशन

A2 Milk Research Corporation

Tamboli Bhavan, Tatyapara Chowk, G.E. Road, Raipur, Chhattisgarh, India,
Web : www.gauratna.com, Email : a2milkindiacorp@gmail.com, Cell : +91-95751 50000

Certificate of Analysis

Ref. No:- A/01/486/01

Date:- 28/09/2024

Company name	MAMAS MILK FARM		
Address Detail	Shashi Chaure Vill/City- Callista Golden deck Flat-816, Gundavali Village, near Triveni SRA, Andheri E, Mumbai (M.H.)- 400069 Mob- 9619347250 shashi.chaure@gmail.com		
Reference No.	DATED: - 19/09/2024		
Lab Code No	01	Date of sample collection	19/09/2024
Sample Type	MILK	Sample Collected from	Self
No of Sample	01	Collection Centre Code No.	01

Result of Test

As per the PCR based A1 and A2 test performed on the DNA isolated from the samples are given below :

Sample No.	Sample /Cattle Detail	A1 / A1	A1 / A2	A2 / A2	Remark
01.	GIR COW 102598/240943	--	--	YES	---

*Note:-

- The result is valid only for the above given samples/Details.
- Not for Commercial uses.

Authorized Signature

RAHUL DEWANGAN



TEST REPORT

TEST REPORT NUMBER : MUMFW232402823		MUMBAI
ULR NUMBER : TC583523300005163F		
NAME OF CUSTOMER : M/S.MAMA'S MILK FARM Pvt.Ltd		
Address: Callista Golden deck, Gundavali Village, Andheri East, Mumbai- 400069 Contact Person: Mr.Shashi Chaur Contact No.: 09820475455 Email: shashi.chaure@gmail.com	Date of Sample Received: 04/08/2023	
	Date of Test Start: 05/08/2023	
	Date of Test Completion: 08/08/2023	
	Date of Reporting: 09/08/2023	
Product Category: FOOD	Data Provided By Customer	
Sample Name: Raw Milk	Manufacture: N.A.	
Nature of Sample: Liquid	Brand Name: N.A.	
Grade/Variety/Type/Class/Size: 250 gm	Batch No: N.A.	
Packaging Condition: Intact	Mfg. Date: N.A	
Quantity: 250 gm x 02 No.	Remark if any: N.A.	
Sample pick up & by drawn: Not by laboratory		

Discipline: Chemical

Group: Food & Agricultural Products

Sr. no	Tests Parameter	Reference Method	Limit of Quantification (LOQ)	Test Results
1	Energy	TTI/A-26	5.0 kcal/100gm	69.52 kcal/100ml
2	Protein	IS 7219:1973	0.5 gm/100gm	3.60 gm/100ml
3	Total Carbohydrate	IS 1656:2022	1.0 gm/100gm	5.23 gm/100ml
4	Total Sugar	TTI/A-33	0.5 gm/100gm	2.75 gm/100ml
5	Added Sugar	TTI/A-33	0.5 gm/100 gm	BLQ
6	Total Fat	TTI/A-47	0.1 gm/100gm	3.80 gm/100ml
7	Saturated Fatty Acids	AOAC 21 st Edition: 996.01	0.1 gm/100gm	2.10 gm/100ml
8	Monounsaturated fatty acid		0.1 gm/100gm	1.51 gm/100ml
9	Polyunsaturated fatty acid		0.1 gm/100gm	0.12 gm/100ml
10	Trans Fat		0.1 gm/100gm	BLQ
11	Cholesterol	AOAC 21 st Edition: 994.10	1 mg/100gm	12.58 mg/100ml
12	Sodium	TTI/A-39	0.05 mg/100gm	47.30 mg/100ml
13	Calcium	TTI/A-39	0.05 mg/100gm	119.47 mg/100ml
14	Vitamin (A)	AOAC 21 st Edition: 2016,974.29	15µg/100gm	58 µg/100ml
15	Milk Solid Not Fat (SNF)	AOAC 21 st Edition 990.21	--	9.55gm/100gm

Note: - "BLQ" Indicated "Below limit of Quantification"

VERIFIED BY

AUTHORISED SIGNATORY

[PRIYA MHADAYE]
(TECHNICAL MANAGER)

~~~ END OF TEST REPORT ~~~

- Results relate only to the sample tested.
- This test report, in full or in part, shall not be reproduced, used for any legal purpose, without prior written approval of laboratory.
- Tested perishable food samples will be retained for 7 days, unless otherwise agreed with the regulatory body / customer.
- Nonperishable food samples and water tested samples will be retained for 15 days, unless otherwise agreed with the regulatory body / customer.
- Statement of Conformity or Opinion and Interpretations given based on respective standard or customer's specifications.

Testtex India Laboratories Pvt. Ltd.

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Testing Textiles, Leather Products, Footwear, Water, Food, Packaging Material, Construction Materials & Consumer Goods

**TEST REPORT**

Ref. No: APX-F24090101

DOC NO.: APX-QSF-050

Group: Food and Agricultural Products (Milk and Milk Products)

Issued To:

Name : MR. SHASHI

Address: -F2, Brahmmand Phase7, Azad Nagar,  
Hiranandani Estate, Thane, West

|                     |               |                   |               |
|---------------------|---------------|-------------------|---------------|
| Sample Receipt Date | 06 Sept, 2024 | Start Of Analysis | 06 Sept, 2024 |
| Report Issued Date  | 06 Sept, 2024 | End Of Analysis   | 06 Sept, 2024 |

**Particulars of Sample Submitted**

|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Sample Name                              | <b>GIR COW MILK</b>                       |
| Test Reference                           | As Per Below Method                       |
| Quantity & Packing                       | 500ml in Plastic Bottle                   |
| Batch No./ Lot No.                       | Not Provided                              |
| Sample Submitted by/ Sample Collected by | Customer                                  |
| Sample condition at the time of receipt  | Self - Sealed                             |
| Any Other Information                    | Not Provided                              |
| Sample Description                       | White colour milk found in plastic bottle |

**Analysis Results:**

**Discipline: Chemical**

| Sr. No | Test Parameter | Test Method                         | Limit | Result   | Unit |
|--------|----------------|-------------------------------------|-------|----------|------|
| 1.     | Urea           | FSSAI Manual –MILK and MILK product | N.A   | Negative | -    |
| 2.     | Sugar          |                                     | N.A   | Negative | -    |
| 3.     | Glucose        |                                     | N.A   | Negative | -    |
| 4.     | Starch         |                                     | N.A   | Negative | -    |
| 5.     | Formaline      |                                     | N.A   | Negative | -    |
| 6.     | Detergent      |                                     | N.A   | Negative | -    |
| 7.     | Neutrilizer    |                                     | N.A   | Negative | -    |
| 8.     | SNF            |                                     | N.A   | 8.62     | %    |
| 9.     | Fat            |                                     | N.A   | 3.7      | %    |
| 10.    | Water Content  |                                     | N.A   | 87.88    | %    |

Abbreviations: N.S- Not specified; N.A- Not Applicable; BDL - Below Detection Limits; LOQ- Limit of Quantification; N.D- Not Detected; NMT – Not More Than, TNTC – Too Numerous to Count

**Note:**

- Test results are applicable to the sample/s tested as per Job ID only.
- Test Certificates shall not be reproduced without written permission of the Authorized Signatory – APX Laboratories.
- APX Laboratories is not responsible for the authenticity of photocopied or scanned reports.
- This report shall not be used for advertisement / judicial purpose.
- Supplementary Information: When required supporting documents for the measurements taken & derived like graphs, tables, sketches, photographs as appropriate test report to the customer (if any)-NONE

**Prepared By**

Harsh Bhosle (Report Executive)

**Reviewed By**

Shradha Shete (Sr. Chemist)



**Authorized Signatory**

Pravin Banagar (Lab Incharge)

.....End of Report.....

Page 1 of 1

**APX Laboratories**

**TEST REPORT**

Ref. No: APX-F24090038

DOC NO.: APX-QSF-050

Group: Food and Agricultural Products (Milk & Milk Product)

Issued To:

Name : MR. SHASHI

Address: --

|                     |                            |                   |                            |
|---------------------|----------------------------|-------------------|----------------------------|
| Sample Receipt Date | 18 <sup>th</sup> Sep, 2024 | Start Of Analysis | 19 <sup>th</sup> Sep, 2024 |
| Report Issued Date  | 20 <sup>th</sup> Sep, 2024 | End Of Analysis   | 20 <sup>th</sup> Sep, 2024 |

**Particulars of Sample Submitted**

|                                          |                     |
|------------------------------------------|---------------------|
| Sample Name                              | MILK                |
| Test Reference                           | As Per Below Method |
| Quantity & Packing                       | Approx. 100ml       |
| Batch No./ Lot No.                       | Not Provided        |
| Sample Submitted by/ Sample Collected by | Customer            |
| Sample condition at the time of receipt  | Self - Sealed       |
| Any Other Information                    | Not Provided        |
| Sample Description                       | White Colour Liquid |

**Analysis Results:**

**Discipline: Chemical**

| Sr. No | Test Parameter           | Test Method         | Limit                       | Result | Unit |
|--------|--------------------------|---------------------|-----------------------------|--------|------|
| 1.     | Moisture (Water content) | IS 1479 (P-II) 1961 | N. S.                       | 87.35  | %    |
| 2.     | Lactose                  | IS 1479 (P-II) 1961 | ^ Shall have less than 0.1% | 0.007  | %    |

Abbreviations: N.S- Not specified; N.A- Not Applicable; BDL - Below Detection Limits; LOQ- Limit of Quantification; N.D- Not Detected; NMT - Not More Than, TNTC - Too Numerous to Count

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- ^ Limit as per FSSAI book 2022
- Supplementary Information: When required supporting documents for the measurements taken & derived like graphs, tables, sketches, photographs as appropriate test report to the customer (if any)-NONE

  
Prepared By

Harsh Bhosle (Report Executive)

  
Reviewed By

Shradha Shete (Sr. Chemist)



  
Authorized Signatory

Pravin Banagar (Lab Incharge)

.....End of Report.....

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**TEST REPORT**

Ref. No: APX-F24050082

DOC NO.: APX-QSF-050

Group: Food and Agricultural Products (Milk & Milk Product)

Issued To:

Name : FEBTHIRTY BRANDS PRIVATE LIMITED

Address: Floor No.: A Wing, 8th Floor Building No./Flat No.: A-816 Callista CTS-81 PT Others Off Sahar Road VVL.Gundavali Hill We Highway Andheri West Mumbai Maharashtra 400 069

|                     |                            |                   |                            |
|---------------------|----------------------------|-------------------|----------------------------|
| Sample Receipt Date | 13 <sup>th</sup> May, 2024 | Start Of Analysis | 14 <sup>th</sup> May, 2024 |
| Report Issued Date  | 16 <sup>th</sup> May, 2024 | End Of Analysis   | 16 <sup>th</sup> May, 2024 |

**Particulars of Sample Submitted**

|                                          |                               |
|------------------------------------------|-------------------------------|
| Sample Name                              | GHEE                          |
| Test Reference                           | As Per Below Method           |
| Quantity & Packing                       | Approx. 100gm in glass bottle |
| Batch No./ Lot No.                       | Not Provided                  |
| Sample Submitted by/ Sample Collected by | Customer                      |
| Sample condition at the time of receipt  | Sealed                        |
| Any Other Information                    | Not Provided                  |
| Sample Description                       | White Colour Ghee             |

**Analysis Results:**


**Discipline: Chemical**

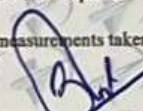
| Sr. No | Test Parameter  | Test Method                                    | Limit | Result | Unit     |
|--------|-----------------|------------------------------------------------|-------|--------|----------|
| 1.     | Saturated Fat   | AOAC – 996.06 - 22 <sup>nd</sup> Edition :2023 | N.A   | 80.87  | g/100gm  |
| 2.     | Unsaturated Fat | AOAC – 996.06 - 22 <sup>nd</sup> Edition :2023 | N.A   | 19.09  | g/100gm  |
| 3.     | Trans Fat       | AOAC – 996.06 - 22 <sup>nd</sup> Edition :2023 | N.A   | 0.00   | g/100gm  |
| 4.     | MUFA            | AOAC – 996.06 - 22 <sup>nd</sup> Edition :2023 | N.A   | 19.09  | g/100gm  |
| 5.     | FUFA            | AOAC – 996.06 - 22 <sup>nd</sup> Edition :2023 | N.A   | 0.00   | g/100gm  |
| 6.     | Added Sugar     | FSSAI Manual – Fruit & Veg Product 2022        | N.A   | < 0.01 | g/100gm  |
| 7.     | Sodium          | IS 9497 : 1980                                 | N.A   | < 0.01 | g/100gm  |
| 8.     | Cholesterol     | AOAC – 996.06 - 22 <sup>nd</sup> Edition :2023 | N.A   | 232    | mg/100gm |


Abbreviations: N.S- Not specified; N.A- Not Applicable; BDL - Below Detection Limits; LOQ- Limit of Quantification; N.D- Not Detected; NMT – Not More Than, TNTC – Too Numerous to Count

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**Prepared By**  
Harsh Bhosle (Report Executive)

  
**Reviewed By**  
Pravin Banagar (Lab Incharge)

  
**Authorized Signatory**  
Ashwini Patil (CEO & QM)

.....End of Report.....

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**APX Laboratories**

**TEST REPORT**

Ref. No: APX-F24050082

Group: Food and Agricultural Products (Milk & Milk Product)

DOC NO.: APX-QSF-050

ULR No. TC679724000001119F

Issued To:

Name : FEBTHIRTY BRANDS PRIVATE LIMITED

Address: Floor No.: A Wing, 8th Floor Building No./Flat No.: A-816 Callista CTS-81 PT Others Off Sahar Road VVL.Gundavali Hill We Highway Andheri West Mumbai Maharashtra 400 069

|                     |                            |                   |                            |
|---------------------|----------------------------|-------------------|----------------------------|
| Sample Receipt Date | 13 <sup>th</sup> May, 2024 | Start Of Analysis | 14 <sup>th</sup> May, 2024 |
| Report Issued Date  | 16 <sup>th</sup> May, 2024 | End Of Analysis   | 16 <sup>th</sup> May, 2024 |

**Particulars of Sample Submitted**

|                                          |                               |
|------------------------------------------|-------------------------------|
| Sample Name                              | GHEE                          |
| Test Reference                           | As Per Below Method           |
| Quantity & Packing                       | Approx. 100gm in glass bottle |
| Batch No./ Lot No.                       | Not Provided                  |
| Sample Submitted by/ Sample Collected by | Customer                      |
| Sample condition at the time of receipt  | Self-Sealed                   |
| Any Other Information                    | Not Provided                  |
| Sample Description                       | White Colour Ghee             |

**Analysis Results:**

**Discipline: Chemical**

| Sr. No | Test Parameter     | Test Method                             | Limit | Result | Unit       |
|--------|--------------------|-----------------------------------------|-------|--------|------------|
| 1.     | Energy Value       | IS 13285 :1992                          | N.A   | 899.64 | Kcal/100gm |
| 2.     | Carbohydrate       | IS 1656 : 2022                          | N.A   | 0      | g/100gm    |
| 3.     | Protein (N x 6.25) | IS 7219 : 1973                          | N.A   | < 0.5  | g/100gm    |
| 4.     | Fat                | CHEM SOP - 095 - 20                     | N.A   | 99.96  | g/100gm    |
| 5.     | Total Sugar        | FSSAI Manual – Milk & Milk Product 2022 | N.A   | < 0.1  | g/100gm    |

Abbreviations: N.S- Not specified; N.A- Not Applicable; BDL - Below Detection Limits; LOQ- Limit of Quantification; N.D- Not Detected; NMT - Not More Than, TNTC - Too Numerous to Count

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Harsh Bhosle (Report Executive)

  
**Reviewed By**  
Pravin Banagar (Lab Incharge)

  
**Authorized Signatory**  
Ashwini Patil (CEO & QM)



.....End of Report.....

Page 1 of 1

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