

ULR NO: TC58342200005817F**Date:** 07/03/2022

Sample ID No. : NAL/20220200005817
Discipline / Group : Chemical / Food and Agricultural Products
Name of the Exporter : **GRAMA FARMS**
Address : D.No.8/676A, Erumuthanapalli (vill), Anchttty (po) (Tk),
Krishnagiri (Dt), Tamilnadu-3-635102
Sample Described by the Customer : **GHEE**
Requested By : Mr. Madhegowdu - Proprietary
Quantity Of The Sample Received : 500 g
Information about Sampling : Submitted by customer
Customer Reference : By letter Dated.08/02/2022
Date of Sample Receipt : 08/02/2022
Date of test Starting : 08/02/2022
Date of test Completed : 07/03/2022

S.No	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS
NUTRITIONAL PARAMETER				
1	Energy	NAL/CHL/SOP/F004	Kcal/100g	898.24
2	Fat	NAL/CHL/SOP/F018	g/100g	99.68
3	Carbohydrate	IS 1656 :2007	-	Nil
4	Protein	IS 7219 :1973	g/100g	<0.1
5	Crude Fibre	NAL/CHL/SOP/F019	g/100g	<0.1
CHEMICAL PARAMETER				
6	Moisture	IS 3508 :1966	%	0.05
7	Milk Fat	IS 3508 :1966	%	99.68
8	Butyro Refractometer Reading (at 40°C)	IS 3508 :1966	°C	42.0
9	Reichert Meissl (RM) Value	IS 3508 :1966	-	28.49
10	Polenske (P) Value	IS 3508 :1966	-	1.10
11	Free Fatty acid as Oleic acid	IS 3508 :1966	%	0.47
12	Peroxide value (Milli Equivalent of Oxygen/ Kg Fat)	IS 3508 :1966	meq of O2/KG	<0.2
13	Baudouin Test	IS 3508 :1966	-	Negative
14	Calcium	IS 5949 : 1990	mg/100g	426.34
15	Iron	AOAC (21st Edition) 2019 :	mg/kg	1.51



Authorized Signatory

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S.No	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS
		2013.06		
16	Pottassium	IS 9497 : 1980	mg/100g	18.99
17	Sodium	IS 9497 : 1980	mg/100g	30.39
18	Vitamin D	NAL/INS/SOP/LC019	mg/100g	0.05
19	Cholesterol	NAL/INS/SOP/002	mg/100g	142.5

Disclaimer.

This report is valid strictly for the sample submitted for analysis to NAWaL Analytical Laboratories and shall not be under any circumstance extrapolated to any other product(s) made out of this sample.

Note :

All the above test parameters are carried out with the sample 'as received condition.' BLQ: Below limit of quantification.

The results relate only to the items tested. NAWaL Analytical Laboratories is not responsible for any deterioration/ deviation in quality or quantity of the product due to the nature of the product or during transit.

For NAWaL Analytical Laboratories

Authorized Signatory

Dr. V A Shanmugaselvan
VP (Operations)

End of Report

