



FORMAT NO. ENV/FM/54

TEST REPORT

Name of the Industry	:	JIS Farm	Type of Industry	:	Dairy
Address	:	Sarat Bose Road, Dwarka Building, Kolkata	Sample Drawn on	:	22/10/2024
			Period of Analysis	:	23/10/2024 - 29/10/2024
			Date of Issue	:	29/10/2024
Sampling Plan & Procedure	:	ENV/SOP/F/04	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Ghee
URL No.	:	TC601424000000903F			

A. CHEMICAL TEST FINDINGS :

Sl. No.	Test Parameters	Test Method	Unit	Result	Limit as per FSSAI Standard Act 2006, Rules & Regulation 2011, 25 th Edition, 2024
01.	Moisture	IS 3508 : 1966 RA : 2018	%	0.22	Max 0.5
02.	Butyro-Refractometer Reading at 40°C	IS 3508 : 1966 RA : 2018	-	43.0	40.0 - 44.0
03.	Reichert-Meissl Value	IS 3508 : 1966 RA : 2018	-	28.09	Min. 24.0
04.	Baudouin Test	FSSAI Lab Manual 1, 2015, Sl. No 13.6	-	Negative	Negative
05.	Milk Fat	IS 3508 : 1966 RA : 2018	%	99.75	Min. 99.50
06.	Polenske Value	IS 3508 : 1966 RA : 2018	-	1.11	Not Specified
07.	Protein	IS 7219 : 1975, RA 2015	g/100g	<0.10	Not Specified
08.	Carbohydrate	AOAC 20 th Edition 2016, Ch.50, 986.25	g/100g	<0.10	Not Specified
09.	Energy	Analysis of Food by Pearson	Kcal/100g	907.72	Not Specified

Remarks :The sample complies as per FSSAI Standards Act, 2006 Rules & Regulation, 25th Edition, 2024 for the above mentioned Parameters (Reg. No 2.1.8 of Reg. No. 2.1)

... End of Test Report ...

Reviewed By

Indrani Bhattacharya

Indrani Bhattacharya
Dy. Technical Manager (Chemical)



Approved By

Bamdev Sinha

Bamdev Sinha
Dy. Technical Manager (Chemical)



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Sampling Plan & Procedure	:	ENV/SOP/F/04	Deviation from the Sampling Method and Plan	:	No
			Type of Sample	:	Ghee
URL No.	:	TC601424000000903F			

A. CHEMICAL TEST FINDINGS :

Sl. No.	Test Parameters	Test Method	Unit	Result	Limit as per FSSAI Standard Act 2006, Rules & Regulation 2011, 16 th Edition, 2022
01.	Cholesterol	AOAC 20 th Edition 2016, Ch.41 970.51	mg/100g	326.0	Not Specified
02.	Saturated Fatty Acid	AOAC 20 th Edition 2016, Vol-II, Ch 41, 996.06	g/100g	56.0	Not Specified
03.	Mono Unsaturated Fatty Acid	AOAC 20 th Edition 2016, Vol-II, Ch 41, 996.06	g/100g	41.0	Not Specified
04.	Poly Unsaturated Fatty Acid	AOAC 20 th Edition 2016, Vol-II, Ch 41, 996.06	g/100g	3.0	Not Specified
05.	Trans Fatty Acid	AOAC 20 th Edition 2016, Vol-II, Ch 41, 996.06	g/100g	<0.01	Not Specified

Remarks : The sample complies as per FSSAI Standards Act, 2006 Rules & Regulation, 25th Edition, 2024 for the above mentioned Parameters (Reg. No 2.1.8 of Reg. No. 2.1)

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