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Test Report

Accredited & Recognized by: ISO/IEC 17025:2005, EIC, BIS, FSSAI, APEDA, AGMARK, MoEF & ISO 9001:2015

ULR NO: TC583420000012312P

Date: 24/06/2020

Sample ID No.

: NAL/202006000012312

Discipline / Group

: Chemical & Biological / Food & Agricultural products

Name of the Customer

: A.R. DAIRY FOOD PRIVATE LIMITED

Address

: 10/5C, Madurai Road, Begampur Post,

Dindigul - 624 002, Tamilnadu

Sample Described by the Customer

: RAAJ FULL CREAM MILK

Requested By

Mr. G. Kannan - Manager - QC

Quantity Of the Sample Received

500 ml x 5

Batch Code Number

OJN.H2

Use By Date

18 JUNE 2020

Information about Sampling

Submitted by Customer

Customer Reference

By letter Dated.15/06/2020

Date of Sample Receipt

16/06/2020

Date of Commencement of testing

16/06/2020

Date of Completion of testing

: 23/06/2020

S.No.	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS	LIMITS AS PER FSSAI 2011,
PHYS	ICAL PARAMETER	E 15 15 1	F" , " 30	The sale	
1	Appearance	Visual Examination	al Laboratori	White colour liquid, free from	_
	-27	0/1/5 00		Inorganic and organic matter	
2	Colour	Visual Examination	<u> </u>	White colour	-
3	Taste	Organoleptic analysis	-	Characteristics	_
4	Odour	Organoleptic analysis		Characteristics	-
CHEN	IICAL PRESERVATIVES	*			***************************************
5	Formaline	IS 1479 (P-1):2016	_	Negative	-
6	Hydrogen peroxide as H2O2	IS 1479 (P-1):2016	_	Negative	-
7	Boric acid	NAL/CHL/SOP/F012	_	Negative	_
8	Borate	NAL/CHL/SOP/F012	-	Negative	_
9	Gelatine	FSSAI Manual Milk and Milk Products - 1.2.16	_	Negative	Ξ
10	QAC (Quartenary Ammonium	IS 1479 (p - 1) 2016	-	Negative	=



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Page 1 of 7

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OLKI	O. 1C583420000012312P				Jate: 24/06/2020
S.No.	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS	LIMITS AS PER FSSAI 2011,
	Compounds)				
11	Hypochlorides and Chloraamines	IS 1479 (p - 1) 2016	-	Negative	-
12	Sulphate	NAL/CHL/SOP/F012	=	Negative	_
13	Maltodextrin	NAL/CHL/SOP/F012	<u>~</u>	Negative	_
14	Salicylic Acid	IS 1479 (p - 1) 2016		Negative	-
CHEN	IICAL PARAMETER	The state of the	Mr. Ma		
15	Milk Fat	AOAC (20th Edition) 989.05	%	6.21	Min 6.0
16	Milk Solids-not-Fat	AOAC (20th Edition) 990.21	%	9.23	Min 9.0
17	Protein	IS 7219 - 1973	%	3.25	-
18	Carbohydrates	IS 1656 - 2007	%	5.67	-
19	Sodium	IS 9497 - 1980	mg/100g	33.0	
20	Calcium	IS 5949 - 1990	mg/100g	141.0	_
21	Energy	NAL/CHL/SOP/F024	Kcal/100g	91.57	-
ADUL	TERANTS	10 4474	Par Star	2 A.A.	
22	Cane sugar	IS 1479 (P-1):2016	100- 180-	Negative	_
23	Adding Glucose	NAL/CHL/SOP/F012		Negative	-
24	Starch	IS 1479 (P-1):2016		Negative	(=
25	Urea	IS 1479 (P-01)2016	-	Negative	-
26	Sodium Chloride	NAL/CHL/SOP/F012	-	Negative	-
HEAV	Y METALS	<u> </u>			
27	Lead as Pb	AOAC (20th Edition) 999.11.2016	mg/kg	BLQ[LOQ-0.01]	Max 0.02
28	Arsenic as As	AOAC (20th Edition) 963.21, 2016	mg/kg	BLQ[LOQ-0.02]	Max 0.1
29	Copper as Cu	AOAC (20th Edition) 999.11, 2016	mg/kg	BLQ[LOQ-0.25]	Max 30.0
30	Tin as Sn	AOAC (20th Edition)	mg/kg	BLQ[LOQ-2.5]	Max 250.0



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Page 2 of 7

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		980.19: 2016			
31	Cadmium as Cd	AOAC (20th Edition) 999.11.2016	mg/kg	BLQ[LOQ-0.025]	Max 1.5
32	Mercury as Hg	AOAC (20th Edition) 971.21: 2016	mg/kg	BLQ[LOQ-0.02]	Max 1.0
33	Methyl Mercury as CH3Hg*	AOAC (20th Edition) 983.20. 2016	mg/kg	BLQ[LOQ-0.01]	Max 0.25
ROP	CONTAMINANTS	A COLUMN TO THE PARTY OF THE PA			
34	Aflatoxin M1	AOAC 20th Edition 2016, 2000.08	µg/kg	BLQ[LOQ-0.2]	Max 0.5
PESTI	CIDE RESIDUES	T AVELED IN	10	Stan Van Van	
35	2,4-Dichlorophenoxy Acetic Acid	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
36	Acephate (expressed as mixture of Methamidophos and acephate).	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02
37	Acetamiprid	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02
38	Azoxystrobin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
39	Carbendazim (Sum of benomyl and carbendazim expressed as carbendazim)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.1
40	Bifenthrin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.2
41	Bitertanol	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
42	Buprofezin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
43	Carbaryl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
44	Carbofuran (sum of carbofuran and 3-hydroxy carbofuran	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
45	Chlorantraniliprole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
46	Chlorothalonil	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.07
47	Chlorpyriphos	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02
48	Clothianidin (Clothianidin and its	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02



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Page 3 of 7

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No.	TROT DADALATED	TROTT PROTECTION	LINUTE	mean provide	**************************************	
NO.	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS	LIMITS AS PER	
					FSSAI 2011,	
	metabolites					
49	Cypermethrin (sum of isomers) (Fat	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05	
	soluble residue)					
50	Deltamethrin (Decamethrin)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05	
51	Dichlorvos (DDVP) (content of di-	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01	
	chloroacetaldehyde		MA SHO			
52	Difenoconazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02	
53	Dimethoate	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05	
54	Dinotefuran	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.1	
55	Mancozeb as CS2	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05	
56	Metiram as CS2	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05	
57	Edifenphos	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01	
58	Emamectin Benzoate	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01	
59	Ethion(Residues to be determined	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.5	
	as ethion		- Louis	White is		
60	Etofenprox (Etofenprox)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02	
61	Fenpropathrin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.1	
62	Fenvalerate (Fat soluble residue)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01	
63	Fipronil	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02	
64	Flubendiamide	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.1	
65	Flusilazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05	
66	Glufosinate Ammonium	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02	
67	Imidacloprid	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.1	
68	Indoxacarb	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.1	
69	Kresoxim Methyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01	
70	Methomyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02	
71	Methyl Chlorophenoxy Acetic Acid	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.04	
	(MCPA)					
72	Metolachlor	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01	



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Page 4 of 7

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No.	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS	LIMITS AS PER FSSAI 2011,
73	Monocrotophos	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.02
74	Oxydemeton-Methyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
75	Paraquat dichloride (Determined as Paraquatcations)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
76	Penconazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
77	Phenthoate	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
78	Phorate (sum of Phorate, its oxygen analogue and their sulphoxides	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
79	Pirimiphos-methyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
80	Propiconazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
81	Pyraclostrobin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.03
82	Tebuconazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
83	Thiacloprid	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
84	Thiamethoxam	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
85	Thiophanate-Methyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
86	Trichlorfon	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.05
87	Triacontanol	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
88	Triadimefon	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]	Max 0.01
NTIB	IOTICS				
89	Ampicillin*	NAL/INS/SOP/LCMS014	mg/kg	BLQ[LOQ-0.01]	Max 0.01
90	Apramycin*	NAL/INS/SOP/LCMS014	mg/kg	BLQ[LOQ-0.01]	Max 0.01
91	Albendazole	NAL/INS/SOP/LCMS014	mg/kg	BLQ[LOQ-0.025]	Max 0.1
92	Tetracycline/Chlorotetracycline/Ox ytetracycline	NAL/INS/SOP/LCMS016	mg/kg	BLQ[LOQ-0.01]	Max 0.1
93	Ceftiofur*	NAL/INS/SOP/LCMS020	mg/L	BLQ[LOQ-0.01]	Max 0.1
94	Cefphactril*	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.01]	Max 0.01
95	Doramectin*	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.01]	Max 0.015
96	Diminazene*	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.01]	Max 0.15



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Page 5 of 7

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	<u></u>				
No.	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS	LIMITS AS PER
		к.			FSSAI 2011,
97	Flunixin*	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.01]	Max 0.01
98	Febantel/Fenbendazole/Oxyfendazo	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.005]	Max 0.1
	le*			1 1	
99	Ivermectin	NAL/INS/SOP/LCMS014	mg/kg	BLQ[LOQ-0.005]	Max 0.01
00	Lincomycin*	NAL/INS/SOP/LCMS017	mg/kg	BLQ[LOQ-0.01]	Max 0.15
01	Monensin*	NAL/INS/SOP/LCMS018	mg/kg	BLQ[LOQ-0.002]	Max 0.002
02	Meloxicam*	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.01]	Max 0.01
03	Neomycin	NAL/INS/SOP/LCMS017	mg/kg	BLQ[LOQ-0.5]	Max 1.5
04	Oxyclozanide*	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.01]	Max 0.01
05	Parbendazole*	NAL/INS/SOP/LCMS014	mg/kg	BLQ[LOQ-0.01]	Max 0.01
06	Praziquantel*	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.01]	Max 0.01
07	Spectinomycin*	NAL/INS/SOP/LCMS012	mg/L	BLQ[LOQ-0.01]	Max 0.2
08	Sulfadiazine	NAL/INS/SOP/LCMS012	mg/kg	BLQ[LOQ-0.01]	Max 0.01
09	Sulfanilamide	NAL/INS/SOP/LCMS012	mg/kg	BLQ[LOQ-0.01]	Max 0.01
10	Sulfaquinoxaline*	NAL/INS/SOP/LCMS012	mg/kg	BLQ[LOQ-0.01]	Max 0.01
11	Sulfadimidine	NAL/INS/SOP/LCMS012	mg/kg	BLQ[LOQ-0.01]	Max 0.025
12	Sulfa Chloropyrazine*	NAL/INS/SOP/LCMS012	mg/kg	BLQ[LOQ-0.01]	Max 0.01
13	Thiabendazole*	NAL/INS/SOP/LCMS014	mg/kg	BLQ[LOQ-0.01]	Max 0.1
114	Trimethoprim*	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.01]	Max 0.01
15	Tylosin	NAL/INS/SOP/LCMS018	mg/kg	BLQ[LOQ-0.01]	-
16	Virginiamycin*	NAL/INS/SOP/LCMS020	mg/kg	BLQ[LOQ-0.01]	Max 0.01
THE	R CONTAMINANTS				***************************************
17	Melamine	NAL/INS/SOP/045	mg/kg	BLQ[LOQ-0.001]	Max 2.5
IOLC	OGICAL PARAMETERS				
18	Total Plate Count	IS 5402 : 2012	Cfu/ml	1600	Max 30000
19	Coliform	IS 5401 - 1 : 2012	Cfu/ml	<1	Max 10
20	Salmonella	IS 5887 - 3 : 1999	P/A/25ml	Absent	Absent
21	Staphylococcus aureus	IS 5887 - 2 : 1976	Cfu/ml	<1	NA
122	Yeast & Mould	IS 5402 : 1999	Cfu/ml	<1	NA
123	Listeria Monocytogens	IS 14988 - 1 : 2001	P/A/m1	Absent	Absent

Page 6 of 7

Regd. Office & Lab: Plot No.: 100 &109 New SIDCO Industrial Estate, Sri Nagar, Hosur - 635109, Tamil Nada-Phone: 04344 - 245841, 9894785841 E-mail: ecogreen.labs@gmail.com, green_balu74@yahoo.com

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S.No.	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS	LIMITS AS PER FSSAI 2011.
124	E Coli	IS 5887 - 1 : 1976	P/A/ml	Absent	NA

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:

The sample confirms to the FSSR 2011 for the above tested parameters.

The tests marked with an * are not accredited by NABL

Authorised Signatory

Dr. P.S. Dheenan (Dy.Technical Manager MicroBiology)

End of Report

For NAWaL Analytical Laboratories

Authorized Signatory
D. Balakrishnan
Chief Executive Officer





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