



# NAWaL Analytical Laboratories

## Test Report

Nº 018852

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

ULR NO: TC58342000005492P

Date: 29/02/2020

Sample ID No. : NAL/202002000005492  
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 : RAJ LOW FAT PANEER  
Requested By : G.Kannan- Manager QC  
Quantity Of The Sample Received : 1kg  
Batch Number : 555  
PKD : 18.02.2020  
Information about Sampling : Submitted by Customer  
Customer Reference : By Letter Dated.19/02/2020  
Date of Sample Receipt : 20/02/2020  
Date of test Starting : 20/02/2020  
Date of test Completed : 28/02/2020

S.No	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS
<b>NUTRITIONAL PARAMETER</b>				
1	Energy	NAL/CHL/SOP/F024	Kcal/100g	235.52
2	Total Fat	NAL/CHL/SOP/F014	g/100g	6.18
3	Saturated Fat	NAL/SOP/INS/001	g/100g	3.62
4	Mono Unsaturated Fat	NAL/SOP/INS/001	g/100g	1.07
5	Poly Unsaturated Fat	NAL/SOP/INS/001	g/100g	1.46
6	Trans Fat	NAL/SOP/INS/001	g/100g	BLQ[LOQ-0.1]
7	Cholesterol	NAL/SOP/INS/002	mg/100g	3.26
8	Carbohydrate	NAL/CHL/SOP/F016	g/100g	11.37
9	Protein (N x 6.25)	IS 7219.1973 (R-2015)	g/100g	24.26
10	Sodium	IS 9497-1980	mg/100g	80.23
11	Moisture	IS 10484-1983	%	55.80
12	Solids not fat	AOAC (20th Edition) 989.05 , 2016	%	44.20
13	Added Natural Colour	NAL/CHL/SOP/F002	-	Absent
14	Presence of Synthetic colour	NAL/CHL/SOP/F002	-	Absent
<b>PRESERVATIVES</b>				
15	Benzoic acid	NAL/INS/SOP/LC012	mg/kg	BLQ[LOQ-10.0]





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# NAWaL Analytical Laboratories

**Test Report**

**Nº 018851**

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ULR NO: TC58342000005492F				Date: 29/02/2020
S.No	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS
<b>MINERALS</b>				
16	Calcium as Ca	IS 5949 : 1990	mg/100g	808.52
17	Magnesium as Mg	IS 5949 : 1990	mg/100g	145.04
18	Potassium as K	IS 9497-1980	mg/100g	65.69
19	Iron as Fe	AOAC (20th Edition) 999.11. 2016	mg/kg	112.46
<b>HEAVY METALS</b>				
20	Lead as Pb	AOAC (20th Edition) 999.11. 2016	mg/kg	BLQ[LOQ -0.01]
21	Arsenic as As	AOAC (20th Edition) 963.21. 2016	mg/kg	BLQ[LOQ -0.02]
22	Copper as Cu	AOAC (20th Edition) 999.11. 2016	mg/kg	BLQ[LOQ -0.25]
23	Tin as Sn	AOAC (20th Edition) 980.19. 2016	mg/kg	BLQ[LOQ -2.5]
24	Cadmium as Cd	AOAC (20th Edition) 999.11. 2016	mg/kg	BLQ[LOQ -0.025]
25	Mercury as Hg	AOAC (20th Edition) 971.21. 2016	mg/kg	BLQ[LOQ -0.02]
26	Methyl Mercury as CH <sub>3</sub> Hg*	AOAC (20th Edition) 983.20. 2016	mg/kg	BLQ[LOQ -0.01]
<b>PESTICIDE RESIDUES</b>				
27	2,4-Dichlorophenoxy Acetic Acid	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
28	Acephate (expressed as mixture of Methamidophos and acephate).	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
29	Acetamiprid	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
30	Azoxystrobin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
31	Sum of benomyl and carbendazim expressed as carbendazim	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
32	Bifenthrin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]



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NAMES  
GENERAL  
CONTINUE



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# NAWaL Analytical Laboratories

## Test Report

Nº 018850

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ULR NO. TC58342000005492P				Date: 29/02/2020
S.No	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS
33	Bitertanol	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
34	Buprofezin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
35	Carbaryl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
36	Carbendazim	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
37	Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as c	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
38	Chlorantraniliprole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
39	Chlorothalonil	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
40	Chlorpyrifos	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
41	Cypermethrin (sum of isomers) (Fat soluble residue)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
42	Deltamethrin (Decamethrin)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
43	Dichlorvos (DDVP) (content of di-chloroacetaldehyde (D.C.A.) be repor	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
44	Difenoconazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
45	Dimethoate	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
46	Dinotefuran	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
	(c) Mancozeb	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
	(d) Metiram as CS2	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
47	Edifenphos	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
48	Emamectin Benzoate	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
49	Ethion(Residues to be determined as ethion and its oxygen analogue and	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
50	Ethofenprox (Etofenprox)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
51	Fenpropathrin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
52	Fenvalerate (Fat soluble residue)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
53	Fipronil	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
54	Flubendiamide	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
55	Flusilazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
56	Glufosinate Ammonium	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
57	Imidacloprid	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]





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# NAWaL Analytical Laboratories

**Test Report**

**Nº 018849**

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ULR NO. TC58342000005492P		Date: 29/02/2020		
S.No	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS
58	Indoxacarb	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
59	Kresoxim Methyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
60	Methomyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
61	Methyl Chlorophenoxy Acetic Acid (MCPA)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
62	Metolachlor	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
63	Monocrotophos	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
64	Oxydemeton-Methyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
65	Paraquat dichloride (Determined as Paraquatcations)	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
66	Penconazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
67	Phenthoate	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
68	Pirimiphos-methyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
69	Propiconazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
70	Pyraclostrobin	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
71	Tebuconazole	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
72	Thiacloprid	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
73	Thiamethoxam	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
74	Thiophanate-Methyl	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
75	Trichlorfon	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
76	Triacantanol	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
77	Triadimefon	NAL/INS/SOP/003	mg/kg	BLQ[LOQ-0.01]
OTHER CONTAMINANTS				
78	Melamine	NAL/INS/SOP/045	mg/kg	BLQ[LOQ-0.001]
BIOLOGICAL PARAMETERS				
79	Total Yeast & mould	IS 5403 , 1999	Cfu/ml	<10
80	Coliform	IS 5401 (P-01) , 2012	Cfu/ml	<10
81	Escherichia coli	IS 5887 (P-01) , 1976	Present(or)Absent/ml	Absent
82	Staphylococcus aureus	IS 5887 (P-02) , 1976	Present(or)Absent/ml	Absent
83	Listeria Monocytogenes	BAM Chapter- 10	Present(or)Absent/ml	Absent
84	Total Plate Count	IS 5402 , 2012	Cfu/ml	90
85	Salmonella	IS 5887 (P-03) , 1999	Present(or)Absent/25	Absent



Authorized Signatory  
ANALYTICAL LABORATORIES  
HOSUR  
Ph: 245841



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# NAWaL Analytical Laboratories

## Test Report

Nº 018848

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ULR NO: TC58342000005492P

Date: 29/02/2020

S.No	TEST PARAMETER	TEST PROTOCOL	UNITS	TEST RESULTS
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**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 :** BLQ-Below Limit of Quantification, LOQ- Limit of Quantification

  
**Authorized Signatory**  
V.Rohini  
Microbiologist

For NAWaL Analytical Laboratories

  
**Authorized Signatory**  
Dr.V A Shanmugaselvan  
VP (Operations)



\*\*\*End of Report\*\*\*

SOLUTIONS FOR POLLUTION





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