



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

ULR - TC611824000037515F
Report No : QFD24080033-01

Page 1 of 6
Report Date: 06 Aug 2024

Customer Name : M/s. A.R.Dairy Food Private Limited
Customer Address : No:10/5C, Madurai Road,Begampur Post, Dindigul-624 002
Sample Name : Raaj Cooking Butter
Sample Description : Raaj Cooking Butter
Reference : Test Request Form Dated 30.07.2024
Sample Identification : Batch No; PRW, PKD. Date: 24/06/24,
Expiry Date: 24/12/24
Sample Quantity : 200g x 1No
Sample Received on : 01 Aug 2024
Test Started on : 01 Aug 2024
Test Completed on : 06 Aug 2024
Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
Antibiotics - Beta Lactam					
1	Amoxicillin	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.0004)	--
2	Ampicillin	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.0004)	--
3	Cefapirin (Cephapirin)	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.001)	--
4	Ceftiofur	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.002)	--
5	Cloxacillin	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.002)	--
6	Penicillin G	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.0004)	--
7	Penicillin V	SMSLA/LS/SOP/09 - 2024	mg/kg	BLQ(LOQ:0.0004)	--
Antibiotics - Sulfonamides					
8	Sulfadiazine	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
9	Sulfaguanidine	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
10	Sulfamethazine / Sulfadimidine	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
11	Sulfanilamide	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
12	Sulfaquinoxaline / Sulfachinoxalin	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
13	Sulfathiazole	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
Antibiotics- Fluoroquinolones					
14	Enrofloxacin	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
Antibiotics-Tetracyclines					
15	Sum of Oxytetracycline (OTC) and 4- Epioxytetracycline (4-EOTC)	SMSLA/LS/SOP/06 - 2024	mg/kg	BLQ(LOQ:0.01)	--

A. Kanagavel
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai – 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT




TC-6118

ULR - TC611824000037515F
Report No : QFD24080033-01

Page 2 of 6
Report Date: 06 Aug 2024

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
Biological					
16	<i>Escherichia coli</i>	IS 5887 (Part 1) - 1976 (Reaffirmed 2022)	Per g	Absent	Absent
17	<i>Listeria monocytogenes</i>	IS 14988 (Part 1) - 2020	Per g	Absent	Absent
18	<i>Salmonella spp</i>	IS 5887 (Part 3) - 1999 (Reaffirmed 2022)	Per 25g	Absent	Absent
19	<i>Staphylococcus aureus</i>	IS 5887 (Part 2) - 1976 (Reaffirmed 2022)	cfu/g	<10	NMT 10
20	Total Coliforms	IS 5401 (Part 1) - 2012 (Reaffirmed 2022)	cfu/g	<10	NMT 10
21	Total Plate Count	IS 5402 - 2021	cfu/g	700	NMT 25000
22	Yeast and mould	IS 5403 - 1999 (Reaffirmed 2018)	cfu/g	<10	NMT 20
Chemical					
23	Acidity as Lactic Acid	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	0.022	--
24	Added Sugar	SMSLA/FD/SOP/019 - 2024	g/100g	Nil	--
25	Carbohydrates	IS 1656 - 2022	g/100g	Nil	--
26	Cellulose	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	--	Absent	--
27	Dietary Fibre	AOAC 22nd Edition 985.29 - 2023	g/100g	Nil	--
28	Energy	SMSLA/FD/SOP/011 - 2024	Kcal/100g	739.83	--
29	Fat	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	81.83	NLT 76.0
30	Free Fatty Acid as Oleic acid	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	0.42	--
31	Maltodextrin/ Dextrin	IS 1479 (Part 1) - 2016 (Reaffirmed 2021)	--	Absent	--


S. Anbarasan
Authorized Signatory-Biological


A. Kanagavel
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

ULR - TC611824000037515F

Report No : QFD24080033-01

Page 3 of 6

Report Date: 06 Aug 2024

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
32	Mineral Oil	FSSAI Manual of Methods of Analysis- Oils and Fats - 2024	--	Absent	--
33	Moisture	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	16.17	--
34	Peroxide value	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	meq/Kg	Nil	--
35	Protein	AOAC 22nd Edition 2001.11 - 2023	g/100g	0.84	--
36	Solid Not Fat	AOAC 22nd Edition 990.21 - 2023	g/100g	Nil	--
37	Starch	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	--	Absent	--
38	Total Sugar	SMSLA/FD/SOP/019 - 2024	g/100g	Nil	--
39	Vanaspathi	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	--	Absent	--
Fatty Acid Profile					
40	Mono-unsaturated Fat	SMSLA/GM/SOP/01 - 2019	g/100g	18.510	--
41	Omega 3	SMSLA/GM/SOP/01 - 2019	g/100g	0.450	--
42	Omega 6	SMSLA/GM/SOP/01 - 2019	g/100g	1.784	--
43	Polyunsaturated Fat	SMSLA/GM/SOP/01 - 2019	g/100g	2.234	--
44	Saturated Fat	SMSLA/GM/SOP/01 - 2019	g/100g	61.086	--
45	Trans Fat	SMSLA/GM/SOP/01 - 2019	g/100g	BLQ(LOQ:0.001)	--
Fatty Acid Profile Trans Fatty Acids (TFA's)					
46	C18:2; Linolelaidic acid	SMSLA/GM/SOP/01 - 2019	g/100g	BLQ(LOQ:0.001)	--
Mycotoxins					
47	Aflatoxin M1	SMSLA/HC/SOP/03 - 2024	µg/kg	BLQ(LOQ:0.25)	--
Others - Cyanamides					
48	Melamine	SMSLA/LS/SOP/11 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 2.5

A. Kanagavel
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



TEST REPORT

TC-6118

ULR - TC611824000037515F
Report No : QFD24080033-01

Page 4 of 6
Report Date: 06 Aug 2024

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
Pesticides					
49	2,4-D	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
50	Acephate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
51	Acetamiprid	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
52	Azoxystrobin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
53	Benomyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
54	Bifenthrin	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
55	Bitertanol	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
56	Buprofezin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
57	Carbaryl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
58	Carbendazim	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
59	Carbofuran	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
60	Chlorantraniliprole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
61	Chlorothalonil	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
62	Chlorpyrifos Ethyl	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
63	Clothianidin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
64	Cypermethrin-(I,II,III,IV)	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
65	Deltamethrin	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
66	Dichlorvos	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
67	Difenoconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
68	Dimethoate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
69	Dinotefuran	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
70	Edifenphos	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
71	Emamectin benzoate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
72	Ethion	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
73	Etofenprox	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
74	Fenpropathrin	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
75	Fenpyroximate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	--
76	Fipronil	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.0025)	NMT 0.02


A. Kanagavel
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai – 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

ULR - TC611824000037515F
Report No : QFD24080033-01

Page 5 of 6
Report Date: 06 Aug 2024

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
77	Flubendiamide	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
78	Flusilazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
79	Glufosinate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
80	Imidacloprid	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
81	Indoxacarb	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
82	Kresoxim methyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
83	Mancozeb as CS2	SMSLA/GM/SOP/05 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
84	Metalachlor	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
85	Methomyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
86	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
87	Metiram as CS2	SMSLA/GM/SOP/05 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
88	Monocrotophos	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
89	Oxydemeton methyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
90	Paraquat	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
91	Penconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
92	Phenthoate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
93	Phorate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
94	Pirimiphos methyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
95	Propiconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
96	Pyraclostrobin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
97	Tebuconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
98	Thiocloprid	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
99	Thiodicarb	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	--
100	Thiometon	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	--
101	Triacntanol	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
102	Triadimefon	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
103	Trichlorfon (Dylox)	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05

A. Kanagavel
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



SMS LABS SERVICES PRIVATE LIMITED



TEST REPORT

ULR - TC611824000037515F
Report No : QFD24080033-01

TC-6118
Page 6 of 6

Report Date: 06 Aug 2024

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
Sterols					
104	Cholesterol	SMSLA/GM/SOP/02 - 2019	mg/100g	150.99	--
Trace Metal Elements					
105	Arsenic	SMSLA/IS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
106	Lead	SMSLA/IS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
107	Methyl Mercury [Calculated as Element]	SMSLA/IS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
108	Sodium	SMSLA/IS/SOP/05 - 2024	mg/kg	8.54	--

Note: <10Cfu/g can be taken as absent in 1:10 dilution.cfu-colony forming unit.

BLQ: Below Limit of Quantification; LOQ: Limit of Quantification. NMT: Not more than. NLT: Not less than.

Remarks: The sample conforms with the specification as per Food Safety and Standards Regulation 2011, for the above tested parameters.

/***** End of the Report *****/

A. Kanagavel
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai – 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.