



# SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT



TC-6118

ULR - TC611824000039923F

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Report No : QFD24080463-03 (Part A)

Report Date: 21 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 Palkova **Sample Quantity** : 250g x 2No's  
**Sample Description** : Raaj Palkova **Sample Received on** : 14 Aug 2024  
**Reference** : Test Request Form Dated 13.08.2024 **Test Started on** : 14 Aug 2024  
**Sample Identification** : Batch No: E01024, PKD: 10/08/2024, **Test Completed on** : 21 Aug 2024  
Exp Date: 17/08/2024  
**Sample Drawn By** : Customer

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
<b>Antibiotics - Beta Lactam</b>					
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)	--
<b>Antibiotics - Sulfonamides</b>					
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)	--
<b>Antibiotics- Fluoroquinolones</b>					
14	Enrofloxacin	SMSLA/LS/SOP/07 - 2024	mg/kg	BLQ(LOQ:0.0005)	--
<b>Antibiotics-Tetracyclines</b>					
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.

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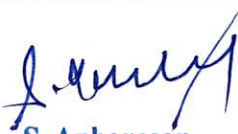
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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
<b>Biological</b>					
16	<i>Escherichia coli</i>	IS 5887 (Part 1) - 1976 (Reaffirmed 2022)	Per g	Absent	NMT 10
17	<i>Listeria monocytogenes</i>	IS 14988 (Part 1) - 2020	Per g	Absent	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 50
21	Yeast and mould	IS 5403 - 1999 (Reaffirmed 2018)	cfu/g	<10	NMT 10
22	Aerobic Plate Count	IS 5402 (Part 1) - 2021	cfu/g	200	NMT 25000
<b>Chemical</b>					
23	Added Sugar	SMSLA/FD/SOP/019 - 2024	g/100g	9.14	--
24	Added Urea	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	--	Absent	--
25	Boric Acid & Borates	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	--	Absent	--
26	Carbohydrates	IS 1656 - 2022	g/100g	46.22	--
27	Energy	SMSLA/FD/SOP/011 - 2024	Kcal/100g	424.17	--
28	Fat	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	20.25	--
29	Hydrogen Peroxide	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	--	Absent	--
30	Moisture	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	17.41	--
31	Protein	AOAC 22nd Edition 2001.11 - 2023	g/100g	14.26	--

  
**S. Anbarasan**  
Authorized Signatory-Biological

  
**A. Kanagavel**  
Authorized Signatory-Chemical

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
32	Total ash	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	1.86	--
33	Total Solids	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	g/100g	82.59	--
34	Total Sugar	SMSLA/FD/SOP/019 - 2024	g/100g	46.54	--
<b>Fatty Acid Profile</b>					
35	Mono-unsaturated Fat	SMSLA/GM/SOP/01 - 2019	g/100g	4.659	--
36	Polyunsaturated Fat	SMSLA/GM/SOP/01 - 2019	g/100g	0.223	--
37	Saturated Fat	SMSLA/GM/SOP/01 - 2019	g/100g	15.368	--
38	Trans Fat	SMSLA/GM/SOP/01 - 2019	g/100g	BLQ(LOQ:0.001)	--
<b>Mycotoxins</b>					
39	Aflatoxin M1	SMSLA/HC/SOP/03 - 2024	µg/kg	BLQ(LOQ:0.25)	--
<b>Others - Cyanamides</b>					
40	Melamine	SMSLA/LS/SOP/11 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
<b>Pesticides</b>					
41	2,4-D	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
42	Acephate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
43	Acetamiprid	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
44	Azoxystrobin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
45	Benomyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
46	Bifenthrin	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
47	Bitertanol	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
48	Buprofezin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
49	Carbaryl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
50	Carbendazim	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
51	Carbofuran	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
52	Chlorantraniliprole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
53	Chlorothalonil	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
54	Chlorpyrifos Ethyl	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
55	Clothianidin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02

  
A. Karagavel  
Authorized Signatory-Chemical

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Report No : QFD24080463-03 (Part A)

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
56	Cypermethrin-(I,II,III,IV)	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
57	Deltamethrin	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
58	Dichlorvos	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
59	Difenoconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
60	Dimethoate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
61	Dinotefuran	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
62	Edifenphos	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
63	Emamectin benzoate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
64	Ethion	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
65	Etofenprox	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
66	Fenpropathrin	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
67	Fenpyroximate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	--
68	Fipronil	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.0025)	NMT 0.02
69	Flubendiamide	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
70	Flusilazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
71	Glufosinate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
72	Imidacloprid	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
73	Indoxacarb	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
74	Kresoxim methyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
75	Mancozeb as CS2	SMSLA/GM/SOP/05 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
76	Metalachlor	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
77	Methomyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
78	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
79	Metiram as CS2	SMSLA/GM/SOP/05 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
80	Monocrotophos	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
81	Oxydemeton methyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
82	Paraquat	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
83	Penconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
84	Phenthoate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
85	Phorate	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05

  
A. Kanagavel  
Authorized Signatory-Chemical

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## TEST REPORT



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Report No : QFD24080463-03 (Part A)

Report Date: 21 Aug 2024

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011
86	Pirimiphos methyl	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
87	Propiconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
88	Pyraclostrobin	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
89	Tebuconazole	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
90	Thiocloprid	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
91	Thiodicarb	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	--
92	Thiometon	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	--
93	Triaccontanol	SMSLA/GS/SOP/02 - 2019	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
94	Triadimefon	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
95	Trichlorfon (Dylox)	SMSLA/LS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
<b>Preservatives</b>					
96	Sorbic acid	SMSLA/HC/SOP/18 - 2024	mg/kg	BLQ(LOQ:0.25)	--
<b>Sterols</b>					
97	Cholesterol	SMSLA/GM/SOP/02 - 2019	mg/100g	70.61	--
<b>Trace Metal Elements</b>					
98	Arsenic	SMSLA/IS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
99	Calcium	SMSLA/IS/SOP/05 - 2024	mg/100g	398.47	--
100	Lead	SMSLA/IS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
101	Methyl Mercury [Calculated as Element]	SMSLA/IS/SOP/02 - 2024	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
102	Sodium	SMSLA/IS/SOP/05 - 2024	mg/100g	182.62	--

Note: BLQ: Below Limit of Quantification; LOQ: Limit of Quantification. NMT: Not more than. <10cfu/g can be taken as absent in 1:10 dilution.cfu-colony forming unit.

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

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# SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT

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Report No : QFD24080463-03 (Part B)

Report Date: 21 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 Palkova **Sample Quantity** : 250g x 2No's  
**Sample Description** : Raaj Palkova **Sample Received on** : 14 Aug 2024  
**Reference** : Test Request Form Dated 13.08.2024 **Test Started on** : 14 Aug 2024  
**Sample Identification** : Batch No: E01024, PKD: 10/08/2024, **Test Completed on** : 21 Aug 2024  
Exp Date: 17/08/2024

**Sample Drawn By** : Customer

### TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results
<b>Chemical</b>				
1	Formaldehyde	FSSAI Manual of Methods of Analysis- Dairy and Dairy Products- 2022	--	Absent

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

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Authorized Signatory-Chemical

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