



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



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Report No : FDC21070233-03

Report Date: 02 Aug 2021

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** : 27 Jul 2021
Reference : Customer Letter Dated 23.07.2021 **Test Started on** : 27 Jul 2021
Sample Identification : Batch No: 422 **Test Completed on** : 02 Aug 2021
Use By Date: 30.07. 2021
Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2021
Antibiotics - Sulfonamides					
1	Sulfadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
2	Sulfaguanidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
3	Sulfamethazine / Sulfadimidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
4	Sulfanilamide	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
5	Sulfaquinolaxin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
6	Sulphadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
7	Sulphathiazole sodium	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	--
Antibiotics- Beta Lactum					
8	Amoxicilline	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
9	Ampicillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
10	Cefapirin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
11	Ceftiofur	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
12	Cloxacillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
13	Penicillin G	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
Antibiotics- Fluoroquinolones					
14	Enrofloxacin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.01)	--
Antibiotics-Tetracyclines					
15	Oxytetracycline	SMSLA/LS/SOP/06	mg/kg	BLQ(LOQ:0.01)	--
Biological					
16	Aerobic Plate count	IS: 5402	cfu/gm	<10	NMT 25000
17	Coliform	IS: 5401 (Part 1)	cfu/gm	<10	NMT 50
18	Staphylococcus aureus	IS 5887 (Part 2)	--	<10	10/g
19	Escherichia coli	IS 5887 (Part 1)	--	Absent/g	<10/g

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.
Certified By : ISO 9001 & OHSAS 18001.

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2021
20	Yeast & Mould	IS: 5403	cfu/gm	<10	NMT 50
21	Listeria monocytogenes	IS: 14988 (Part 1)	--	Absent/g	Absent/g
22	Salmonella	IS: 5887 (Part 3)	--	Absent/25g	Absent/25g
Chemical					
23	Carbohydrate	FSSAI Manual 1	g/100g	47.10	--
24	Energy Value	SMSLA/FD/SOP/011	Kcal/100g	423.38	--
25	Fat	FSSAI Manual 1	g/100g	20.10	--
26	Protein	AOAC 2001.11	g/100g	13.52	--
27	Total Solids	FSSAI Manual 1	g/100g	82.17	--
28	Moisture	FSSAI Manual 1	g/100g	17.83	--
29	Total Ash	FSSAI Manual 1	g/100g	1.45	--
30	Added Sugar	SMSLA/FD/SOP/019	g/100g	9.21	--
Chemical - Adulterants					
31	Added Urea	FSSAI Manual 1	--	Absent	--
Chemical - Preservatives					
32	Boric Acid & Borates	FSSAI Manual 1	--	Absent	--
33	Hydrogen Peroxide	FSSAI Manual 1	--	Absent	--
34	Formaldehyde	FSSAI Manual 1	--	Absent	--
Cyanamides					
35	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Fatty Acid Profile					
36	Saturated Fat	SMSLA/GM/SOP/01	g/100g	13.154	--
37	Polyunsaturated Fat	SMSLA/GM/SOP/01	g/100g	2.162	--
38	Monounsaturated Fat	SMSLA/GM/SOP/01	g/100g	4.352	--
Heavy Metals					
39	Arsenic as As	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
40	Lead as Pb	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
41	Methyl Mercury (Calculated as the element)	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
Minerals					
42	Sodium as Na	SMSLA/IS/SOP/05	mg/100g	78.00	--
Mycotoxins					
43	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	--

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Authorized Signatory- Biological

A. Kanagavel
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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2021
Pesticide Residues					
44	2,4-Dichlorophenoxy Acetic Acid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
45	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
46	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
47	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
48	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
49	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
50	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
51	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
52	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
53	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
54	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
55	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
56	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
57	Chlorpyrifos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
58	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
59	Cypermethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
60	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
61	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
62	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
63	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
64	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
65	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
66	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
67	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
68	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
69	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
70	Fenpyroximate	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
71	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
72	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
73	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
74	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
75	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1


A. Kanagavel
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76	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
77	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
78	Mancozeb	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
79	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
80	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
81	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
82	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
83	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
84	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
85	Paraquat dichloride	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
86	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
87	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
88	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
89	Pirimiphos Methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
90	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
91	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
92	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
93	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
94	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
95	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
96	Triacantanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
97	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
98	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
Preservatives					
99	Sorbic acid	SMSLA/HC/SOP/18	mg/kg	BLQ(LOQ:10.0)	NMT 2000

Note :BLQ: Below Quantification Limit, LOQ: Limit of Quantification.

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

Remarks:The sample complies with the specification as per FSSR 2011, Amendment 2021 for the above tested parameters.

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


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