



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118
(Integrated)

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Report No : FD21030224-01

Report Date: 16 Mar 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 Full Cream Milk **Sample Quantity** : 1 Lit x 3No's
Sample Description : Raaj Full Cream Milk **Sample Received on** : 11 Mar 2021
Reference : Customer Letter Dated 10.03.2021 **Test Started on** : 11 Mar 2021
Sample Identification : Batch No: KJH.AI, Use By Date: 13 Mar 21 **Test Completed on** : 16 Mar 2021
Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2020
Antibiotics - Sulfonamides					
1	Sulfadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
2	Sulfaguanidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
3	Sulfamethazine / Sulfadimidine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.025
4	Sulfanilamide	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
5	Sulfaquinolaxin	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
6	Sulphadiazine	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
7	Sulphathiazole sodium	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
Antibiotics- Beta Lactum					
8	Amoxicilline trihydrate-	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	--
9	Ampicillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
10	Cefapirin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
11	Ceftiofur	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
12	Cloxacillin	SMSLA/LS/SOP/09	mg/kg	BLQ(LOQ:0.01)	NMT 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)	NMT 0.01
Antibiotics-Tetracyclines					
15	Oxytetracycline	SMSLA/LS/SOP/06	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
Biological					
16	Aerobic Plate count	IS 5402	cfu/ml	18000	30000/ml
17	Coliform	IS: 5401 (Part 1)	cfu/ml	<1	<10

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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18	Listeria monocytogenes	IS: 14988 (Part 1)	--	Absent/25ml	Absent/25ml
19	Salmonella	IS: 5887 (Part 3)	--	Absent/25ml	Absent/25ml
Chemical					
20	Carbohydrate	IS 1656	g/100g	5.01	--
21	Energy Value	SMSLA/FD/SOP/011	Kcal/100g	88.89	--
22	Fat	FSSAI Manual 1	g/100g	6.09	NLT 6.00
23	Formaldehyde	FSSAI Manual 1	--	Absent	--
24	Protein	AOAC 2001.11	g/100g	3.51	--
25	Solid Not Fat (SNF)	AOAC 990.21	g/100g	9.26	NLT 9.00
Chemical - Adulterants					
26	Added Urea	FSSAI Manual 1	--	Absent	Absent
Chemical - Preservatives					
27	Boric Acid & Borates	FSSAI Manual 1	--	Absent	Absent
28	Hydrogen Peroxide	FSSAI Manual 1	--	Absent	--
Cyanamides					
29	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Fatty Acid Profile					
30	Saturated Fat	SMSLA/GEF/SOP/21	g/100g	4.406	--
31	Trans Fat	SMSLA/GEF/SOP/21	g/100g	BLQ (LOQ:0.001)	--
Heavy Metals					
32	Arsenic as As	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
33	Lead as Pb	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
34	Methyl Mercury (Calculated as the element)	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
Minerals					
35	Calcium as Ca	SMSLA/IS/SOP/05	mg/100g	156.12	--
36	Sodium as Na	SMSLA/IS/SOP/05	mg/100g	47	--
Mycotoxins					
37	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	NMT 0.5

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Pesticide Residues					
38	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
39	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
40	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
41	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
42	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
43	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
44	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
45	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
46	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
47	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
48	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
49	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
50	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
51	Chlorpyrifos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
52	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
53	Cypermethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
54	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
55	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
56	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
57	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
58	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
59	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
60	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
61	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
62	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
63	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
64	Fenpyroximate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
65	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
66	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
67	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
68	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02


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69	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
70	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
71	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
72	Mancozeb	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
73	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
74	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
75	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
76	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
77	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
78	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
79	Paraquat dichloride	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
80	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
81	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
82	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
83	Pirimiphos Methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
84	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
85	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
86	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
87	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
88	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
89	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
90	Triacantanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
91	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
92	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
Preservatives					
93	Sorbic acid	SMSLA/HC/SOP/18	mg/kg	BLQ(LOQ:10.0)	--
Sterols					
94	Cholesterol	SMSLA/GM/SOP/02	mg/100g	26.44	--

Note :BLQ: Below Quantification Limit, LOQ: Limit of Quantification. NMT:Not more than. NLT:Not less than.
Remarks:The sample complies with the specification as per FSSR 2011, Amendment 2020 for the above tested parameters.
<1 cfu/mL can be taken as absent.cfu-colony forming unit. * Non NABL Parameters.

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


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