



TEST REPORT



Report No : FDC21080127-02

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Report Date: 23 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 Toned Milk Sample Quantity : 500ml*4No's
 Sample Description : Raaj Toned Milk Sample Received on : 17 Aug 2021
 Reference : Customer Letter Dated 16.08.2021 Test Started on : 17 Aug 2021
 Sample Identification : Batch No: SPV.G2, Use By Date: 18 Aug 21 Test Completed on : 23 Aug 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)	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	Cephapirin	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	10000	NMT 30000/ml
17	Coliform	IS: 5401 (Part 1)	cfu/ml	<1	<10/ml
18	Listeria monocytogenes	IS: 14988 (Part 1)	--	Absent/25mL	Absent/25mL

S. Anbarasan
 Authorized Signatory- Biological

R. Kotteeswaran
 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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4	Sulfanilamide	SMSLA/LS/SOP/07	mg/kg	BLQ(LOQ:0.005)	NMT 0.01
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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	Cephapirin	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	10000	NMT 30000/ml
17	Coliform	IS: 5401 (Part 1)	cfu/ml	<1	<10/ml
18	Listeria monocytogenes	IS: 14988 (Part 1)	--	Absent/25mL	Absent/25ml

R. Kotteeswaran
Authorized Signatory - Chemical



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Report Date: 23 Aug 2021

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2021
19	Salmonella	IS: 5887 (Part 3)	--	Absent/25mL	Absent/25ml
Chemical					
20	Carbohydrates	IS 1656	g/100g	4.68	--
21	Energy Value	SMSLA/FD/SOP/011	Kcal/100g	59.99	--
22	Fat	FSSAI Manual 1	g/100g	3.11	NLT 3.00
23	Formaldehyde	FSSAI Manual 1	--	Absent	--
24	Hydrogen Peroxide (H2O2)	FSSAI Manual 1	--	Absent	--
25	Protein	AOAC 2001.11	g/100g	3.32	--
26	Solid Not Fat (SNF)	AOAC 990.21	g/100g	8.71	NLT 8.50
27	Phosphorus	AOAC 995.11	mg/kg	929.45	NMT 1500
Chemical - Adulterants					
28	Added Urea	FSSAI Manual 1	--	Absent	--
29	Starch	FSSAI Manual 1	--	Absent	--
30	Cellulose	FSSAI Manual 1	--	Absent	--
31	Sodium Chloride	FSSAI Manual 1	--	Absent	--
32	Maltodextrin	IS 1479 (Part 1)	--	Absent	--
Chemical - Preservatives					
33	Boric Acid & Borates	FSSAI Manual 1	--	Absent	Absent
Cyanamides					
34	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Fatty Acid Profile					
35	Saturated Fat	SMSLA/GM/SOP/01	g/100g	2.094	--
36	Trans Fat	SMSLA/GM/SOP/01	g/100g	BLQ (LOQ:0.001)	--
37	Polyunsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.067	--
38	Monounsaturated Fat	SMSLA/GM/SOP/01	g/100g	0.949	--
Heavy Metals					
39	Arsenic as As	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
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	Calcium as Ca	SMSLA/IS/SOP/05	mg/100g	135.30	--
43	Sodium as Na	SMSLA/IS/SOP/05	mg/100g	47.30	--
Mycotoxins					
44	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	NMT 0.5
Pesticide Residues					
45	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
46	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02

R. Kotteeswaran

Authorized Signatory - Chemical

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SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



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Report Date: 23 Aug 2021

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2021
47	Acetamidiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
48	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
49	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
50	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
51	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
52	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
53	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
54	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
55	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
56	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
57	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
58	Chlorpyrifos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
59	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
60	Cypermethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
61	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
62	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
63	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
64	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
65	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
66	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
67	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
68	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
69	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
70	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
71	Fenpyroximate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
72	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
73	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
74	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
75	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
76	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
77	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2021
78	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
79	Mancozeb	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
80	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
81	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
82	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
83	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
84	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
85	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
86	Paraquat dichloride	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
87	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
88	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
89	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
90	Pirimiphos Ethyl /Pirimiphos Methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
91	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
92	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
93	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
94	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
95	Thiodicarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
96	Thiometon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	--
97	Triacantanol	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
98	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
99	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
Sterols					
100	Cholesterol	SMSLA/GM/SOP/02	mg/100g	10.95	--

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

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

<1 cfu/mL can be taken as absent. cfu-colony forming unit.

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

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