



SMSLA

SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT

TC-6118
(Integrated)

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Report No : FD19110097-01

Report Date: 09 Nov 2019

Customer Name : M/s. A.R.Dairy Food Private Limited
Customer Address : No:10/5C, Madurai Road,Begampur Post, Dindigul-624 002
Sample Name : Malabar Cow Milk **Sample Quantity** : 5 Nos x 500ml
Sample Description : Malabar Cow Milk **Sample Received on** : 04 Nov 2019
Reference : Test Request Form Dated 02.11.2019 **Test Started on** : 04 Nov 2019
Sample Identification : Batch No: B*RKS.1E, UBD: 04 Nov 2019 **Test Completed on** : 09 Nov 2019
Sample Drawn By : Customer

TEST RESULTS

S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2019
Biological					
1	Coliform	IS: 5401 (Part 1)	cfu/ml	<1	<10cfu/ml
2	Escherichia coli	IS: 5887 (Part 1)	--	Absent/ml	NA
3	Listeria monocytogenes	ISO: 11290 (Part 1)	--	Absent/25ml	Absent/25ml
4	Salmonella	IS: 5887 (Part 3)	--	Absent/25ml	Absent/25ml
5	Staphylococcus aureus	IS: 5887 (Part 2)	cfu/ml	<1	NA
6	Total Plate Count	IS: 5402	cfu/ml	12000	30000/ml
7	Yeast & Mould	IS: 5403	cfu/ml	<1	NA
Chemical					
8	Carbohydrate	IS 1656	g/100g	5.27	--
9	Detergent	FSSAI Manual 1	--	Absent	--
10	Energy Value	SMSLA/FD/SOP/011	Kcal/100g	66.22	--
11	Hydrogen Peroxide (H2O2)	FSSAI Manual 1	--	Absent	--
12	Maltodextrin	FSSAI Manual 1	--	Absent	--
13	Milk Fat	FSSAI Manual 1	g/100g	3.54	NLT 3.2
14	Neutralizers	FSSAI Manual 1	--	Absent	--
15	Nitrates	FSSAI Manual 1	--	Absent	--
16	Protein	AOAC 2001.11	g/100g	3.32	--
17	Salt as NaCl	FSSAI Manual 1	--	Absent	--
18	Solid Not Fat (SNF)	AOAC 990.21	g/100g	8.6	NLT 8.3
Chemical - Adulterants					
19	Added Glucose	FSSAI Manual 1	--	Absent	Absent

K. Elakkiyathasan
 Authorized Signatory - Chemical

M. Aarthi
 Authorized Signatory - Biological

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

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S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2019
20	Added Urea	FSSAI Manual 1	--	Absent	Absent
21	Cane Sugar/Sucrose	FSSAI Manual 1	--	Absent	Absent
22	Cellulose	FSSAI Manual 1	--	Absent	Absent
23	Saccharin	FSSAI Manual 1	--	Absent	Absent
24	Starch	FSSAI Manual 1	--	Absent	Absent
Chemical - Preservatives					
25	Boric Acid & Borates	FSSAI Manual 1	--	Absent	--
26	Formalin	FSSAI Manual 1	--	Absent	--
Cyanamides					
27	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
Heavy Metals					
28	Arsenic as As	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
29	Cadmium as Cd	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.5
30	Copper as Cu	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 30.0
31	Lead as Pb	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
32	Mercury as Hg	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.0
33	Methyl Mercury (Calculated as the element)	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
34	Tin as Sn	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 250.0
Minerals					
35	Calcium as Ca	SMSLA/IS/SOP/05	mg/kg	751.24	--
Mycotoxins					
36	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	NMT 0.5
Pesticide Residues-					
37	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
38	Acephate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
39	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
40	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
41	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
42	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
43	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05

K. Elakkiyathan

Authorized Signatory - Chemical

P. Gangadharan Palani
Authorized Signatory - Chemical

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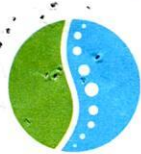
S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2019
44	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
45	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
46	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
47	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
48	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
49	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
50	Chlorpyrifos ethyl	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
51	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
52	Cypermethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
53	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
54	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
55	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
56	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
57	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
58	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
59	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
60	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.5
61	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
62	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
63	Fenvalerate	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
64	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
65	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
66	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
67	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
68	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
69	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
70	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
71	Mancozeb	SMSLA/GEF/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
72	Metalachlor	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
73	Methomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02

P. Gangadharan Palani
Gangadharan Palani
Authorized Signatory - Chemical

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74	Methyl Chlorophenoxy Acetic Acid (MCPA)	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.04
75	Metiram as CS2	SMSLA/GM/SOP/05	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
76	Monocrotophos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
77	Oxydemeton methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
78	Paraquat	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
79	Penconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
80	Phenthoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
81	Phorate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
82	Pirimiphos Ethyl /Pirimiphos Methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
83	Propiconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
84	Pyraclostrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.03
85	Tebuconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
86	Thiamethoxam	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
87	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
88	Thiophenate methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
89	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
90	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
91	Triaccontanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
Physical-					
92	Appearance	Visual Examination	--	White coloured liquid	--
93	Taste	Sensory Evaluation	--	Characteristic Taste	--

Remarks: The sample complies with the specification as per FSSR 2011, Amendment 2019 for the above tested parameters.

Note : BLQ: Below Quantification Limit, LOQ: Limit of Quantification. * Non NABL Parameter.

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

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

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