

SMSLA

## SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT

TC-6118  
(Integrated)

Report No : FD19110097-02.02

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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 : Raaj Spray Dried Skimmed Milk Powder Sample Quantity : 2 Nos x 1 Kg  
 Sample Description : Raaj Spray Dried Skimmed Milk Powder Sample Received on : 04 Nov 2019  
 Reference : Test Request Form Dated 02.11.2019 Test Started on : 04 Nov 2019  
 Sample Identification : Batch No: 2131, DOP: 31.10.2019 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
<b>Chemical</b>					
1	Bulk Density	IS 13858	g/L	590.10	--
2	Formaldehyde	FSSAI Manual 1	--	Absent	--
3	Hydrocyanic Acid	AOAC 915.03	mg/kg	BLQ(LOQ:5.0)	--
4	Insolubility Index	IS 12759	ml	0.3	NMT 2.0
5	Milk Fat	FSSAI Manual 1	g/100g	0.34	NMT 1.5
6	Milk Protein in Milk Solid Not Fat	AOAC 2001.11	g/100g	36.25	NLT 34.0
7	Salt as NaCl	FSSAI Manual 1	--	Absent	--
8	Scorched Particles	IS 13500	--	Disc A	Disc B
9	Titration acidity as Lactic acid	FSSAI Manual 1	ml of 0.1 N	14.7	NMT 18.0
10	Total ash (On dry basis)	FSSAI Manual 1	g/100g	7.78	NMT 9.3
11	Total solids	FSSAI Manual 1	g/100g	97.27	--
<b>Chemical - Adulterants</b>					
12	Cane Sugar/Sucrose	FSSAI Manual 1	--	Absent	Absent
<b>Chemical - Preservatives</b>					
13	Hydrogen Peroxide	FSSAI Manual 1	--	Absent	--
<b>Cyanamides</b>					
14	Melamine	SMSLA/LS/SOP/11	mg/kg	BLQ(LOQ:0.01)	NMT 2.5
<b>Heavy Metals</b>					
15	Arsenic as As	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 1.1
16	Cadmium as Cd	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.5
17	Copper as Cu	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 30.0

S. Balaji  
Authorized Signatory - Chemical

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18	Lead as Pb	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
19	Mercury as Hg	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 1.0
20	Methyl Mercury (Calculated as the element)	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 0.25
21	Tin as Sn	SMSLA/IS/SOP/02	mg/kg	BLQ(LOQ:0.1)	NMT 250.0
22	Zinc as Zn	SMSLA/IS/SOP/02	mg/kg	0.42	--
<b>Mycotoxins</b>					
23	Aflatoxin M1	SMSLA/HC/SOP/03	µg/kg	BLQ(LOQ:0.25)	NMT 0.5
<b>Pesticide Residues-</b>					
24	2,4-D	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
25	2,4-DDD	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
26	2,4-DDE	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
27	4,4-DDD	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
28	4,4-DDE	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
29	Acetamiprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
30	Aldrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
31	Azoxystrobin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
32	Benomyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
33	Bifenthrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.2
34	Bitertanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
35	Buprofezin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
36	Carbaryl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
37	Carbendazim	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.1
38	Carbofuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
39	Chlorantraniliprole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
40	Chlordane	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
41	Chlorfenvinphos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
42	Chlorothalonil	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.07
43	Chlorpyrifos ethyl	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
44	Clothianidin	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
45	Cypermethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
46	Deltamethrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
47	Dichlorvos	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01

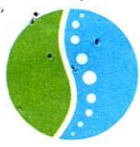
*P. Gangadharan*  
Gangadharan Palani  
Authorized Signatory - Chemical

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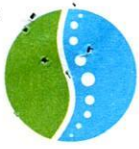
S.NO	Parameter	Test Method	Unit	Results	Requirement as per FSSR 2011 Amd.2019
48	Dieldrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
49	Difenoconazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
50	Dimethoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
51	Dinotefuran	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
52	Edifenphos	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
53	Emamectin benzoate	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
54	Esfenvalerate	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
55	Ethion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.50
56	Etofenprox	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
57	Fenitrothion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
58	Fenpropathrin	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
59	Fenthion	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
60	Fenvalerate	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
61	Fipronil	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
62	Flubendiamide	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
63	Flusilazole	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
64	Glufosinate ammonium	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.02
65	HCH-a	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
66	HCH-g	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
67	HCH-β	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
68	Heptachlor	SMSLA/GS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
69	Imidacloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
70	Indoxacarb	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.10
71	Kresoxim methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
72	Mancozeb	SMSLA/GEF/SOP/02	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

*P. Gangadharan Palani*  
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79	Paraquat	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 Ethyl /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	Thiamethoxam	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
88	Thiocloprid	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
89	Thiophenate methyl	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
90	Triadimefon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
91	Trichlorfon	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.05
92	Triacantanol	SMSLA/LS/SOP/02	mg/kg	BLQ(LOQ:0.01)	NMT 0.01
<b>Physical-</b>					
93	Taste	Sensory Evaluation	--	Characteristic Taste	--
<b>Toxins-NOTs</b>					
94	Agaric Acid	SMSLA/HC/SOP/15	mg/kg	BLQ(LOQ:20.0)	--
95	Hypericin	SMSLA/HC/SOP/15	mg/kg	BLQ(LOQ:0.20)	--
96	Safrole	SMSLA/GM/SOP/03	mg/kg	BLQ(LOQ:0.5)	--

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

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

  
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