



# SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT

Report No : FD/16100098-01

Report Date : 27 Oct 2016

### SAMPLE DRAWN BY CUSTOMER

Customer Name : A.R.DAIRY FOOD PRIVATE LIMITED  
Customer Address : 10/5C, Madurai Road, Begampur(PO) Dindigul 624 002.

Sample Description : Raj Standardized Milk  
Reference : Test Request dated 17 Oct 2016  
Sample No : FD/16100098-01  
Sample Condition : Fil for Analysis  
Sample Quantity : 500ml x 2  
Sample Identification : Batch No. EIS.C1, Mfd Dt: 17/10., Exp Dt: 20/10  
Sample Received on : 18 Oct 2016  
Test Started on : 18 Oct 2016  
Test Completed on : 27 Oct 2016

### Test Results

Sl.No	Parameter	Test Method	Unit	Results	Requirement as per FSSAI ACT 2006	
1	AflatoxinM1	SMSLA/IN/SOP/21	ug/kg	BDL(DL 0.05)	NMT 0.5	
2	Agaric acid	SMSLA/IN/SOP/53	mg/kg	BLO(LOQ:20.0)	NMT 100.0	
3	Hypericine			BLO(LOQ:0.2)	NMT 1.0	
4	Saffrole			BLO(LOQ:0.5)	NMT 10.0	
5	Hydrocyanic acid	AOAC 19 <sup>th</sup> Edn.2012-915.03		BDL (DL:1.08)	NMT 5.0	
6	Lead as Pb	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.01)	NMT 0.02	
7	Copper as Cu		mg/kg	BDL(DL:0.1)	NMT 30.0	
8	Arsenic as As		mg/kg	BOL(DL:0.1)	NMT 0.1	
9	Zinc as Zn		mg/kg	2.70	NMT 50.0	
10	Tin		mg/kg	BDL(DL:0.025)	NMT 250.0	
11	Cadmium as Cd		mg/kg	BDL(DL:0.04)	NMT 1.50	
12	Methyl Mercury		mg/kg	BDL(DL:0.1)	NMT 0.25	
13	Calcium as Ca		mg/100g	155.24	Not Specified	
14	Sodium		mg/100g	40.70	Not Specified	
15	Potassium		mg/100g	148.20	Not Specified	
16	Solid Nol Fat(SNF)		DGHS Lab Manual-1,2005	g/100g	8.68	Not Specified
17	Protein (N x 6.38)		DGHS Lab Manual-1,2005	g/100g	3.87	Not Specified
18	Fat		DGHS Lab Manual-1,2005	g/100g	4.60	Not Specified
19	Carbohydrate		Pearsons Composition and Analysis of Foods, 9 <sup>th</sup> Edn. 1991	g/100g	4.66	Not Specified
20	Energy	Pearsons Composition and Analysis of Foods, 9 <sup>th</sup> Edn. 1991	Kcal/100g	73.52	Not Specified	
21	Phosphorous as P	IS 5960- Part 16,2004	mg/100g	97.12	Not Specified	

To Dehnam

Authorised Signatory

P. KUMAR

Senior Manager - Food

39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600 124. Phone : 044-26811662 - 664

WARNING - The Findings constitute no warranty of the samples representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 7 days (in case of perishable items) and 30 days



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<b>Pesticide Residues</b>					
22	Alpha - BHC	SMSLA/IN/SOP/15	mg/kg	BDL (DL: 0.01)	NMT 0.05
23	Beta - BHC			BDL (DL: 0.01)	NMT 0.02
24	Gamma - BHC			BDL (DL: 0.01)	NMT 0.01
25	Delta - BHC			BDL (DL: 0.01)	NMT 0.02
26	Chlordane			BDL (DL: 0.01)	NMT 0.05
27	Aldrin			BDL (DL: 0.01)	NMT 0.15
28	Dieldrin			BDL (DL: 0.01)	NMT 0.15
29	o p - DDD			BDL (DL: 0.01)	NMT 1.25
30	p p - DDD			BDL (DL: 0.01)	NMT 1.25
31	o p - DDT			BDL (DL: 0.01)	NMT 1.25
32	p p - DDT			BDL (DL: 0.01)	NMT 1.25
33	o p - DDE			BDL (DL: 0.01)	NMT 1.25
34	p p - DDE			BDL (DL: 0.01)	NMT 1.25
35	Chlorpyrifos			BDL (DL: 0.01)	NMT 0.01
36	Monocrotophos			BDL (DL: 0.01)	NMT 0.02
37	Ethion			BDL (DL: 0.01)	NMT 0.5
38	Phorate			BDL (DL: 0.01)	NMT 0.05
39	Heptachlor			BDL (DL: 0.01)	NMT 0.15
40	Fenitrothion			BDL (DL: 0.01)	NMT 0.05
41	Hexachlorocycle Hexane and its Isomers			BDL (DL: 0.01)	Not Specified
42	Chlorfenvinphos			BDL (DL: 0.01)	NMT 0.2
43	2,4,D			BDL (DL: 0.01)	NMT 0.05
44	Paraquate-Dichloride			BDL (DL: 0.01)	NMT 0.01
45	Trichloroform			BDL (DL: 0.01)	NMT 0.05
46	Carbendazim			BDL (DL: 0.01)	NMT 0.10
47	Benomyl			BDL (DL: 0.01)	NMT 0.10
48	Carbofuran			BDL (DL: 0.01)	NMT 0.05
49	Cypermethrin			BDL (DL: 0.01)	NMT 0.01
50	Edifenphos			BDL (DL: 0.01)	NMT 0.01
51	Fenthion			BDL (DL: 0.01)	NMT 0.05
52	Fenvalerate & Esfenvalerate (Sum of RR & SS Isomers)			BDL (DL: 0.01)	NMT 0.01
53	Phenthoale			BDL (DL: 0.01)	NMT 0.01
54	Pirimphos-methyl			BDL (DL: 0.01)	NMT 0.05
<b>Other Contaminants</b>					
55	Melamine	SMSLA/IN/SOP/45	mg/kg	BDL (DL: 0.01)	NMT 2.5

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<b>Aflatoxins</b>				
56 Aflatoxin B1	SMSLA/IN/SOP/52	µg/kg	BLQ(LOQ:2.5)	Not Specified
57 Aflatoxin B2			BLQ(LOQ:2.5)	
58 Aflatoxin G1			BLQ(LOQ:2.5)	
59 Aflatoxin G2			BLQ(LOQ:2.5)	
<b>Antioxidants</b>				
60 TBHQ	SMSLA/IN/SOP/74	mg/kg	BLQ(LOQ:10)	Not Specified
61 BHA			BLQ(LOQ:10)	
62 BHT			BLQ(LOQ:10)	
63 Sulfur Dioxide and Sulfites as SO <sub>2</sub>	DGHS LAB Manual 4, 2005	mg/kg	BDL (DL: 10.0)	Not Specified
<b>Microbiology</b>				
64 Total Plate Count	IS 5402:2012	Cfu/mL	4500	30,000/g
65 E.coli	IS 5887 (Part 1):1976 (Reaff 2009)	-	Absent/1mL	Absent/1mL
66 Coliforms	IS 5401 Part-1:2012	Cfu/mL	< 1	< 10/g
67 S.aureus	IS 5887 (Part 2):1976 (Reaff 2009)	Cfu/mL	< 1	< 10/g
68 Salmonella spp	IS 5887 Part 3:1999(Reaff 2009)	-	Absent/25mL	Absent/25mL
69 Shigella spp	IS 5887 Part 7:1999(Reaff 2009)	-	Absent/25mL	Absent/25mL
70 Yeast & Mould	IS 5403:1999	Cfu/mL	< 1	Not Specified

Remarks: The sample complies with the specification as per FSSAI Act 2006, for above parameter tested

Note : BDL: Below Detection Limit DL: Detection Limit, BLQ: Below Quantification Limit, LOQ: Limit of Quantification.  
< 1 cfu/mL can be take absent.

.....End of Report.....

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