



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT

Report No : FD/16100098-04

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 : Raaj Curd
Reference : Test Request dated 17 Oct 2016
Sample No : FD/16100098-04
Sample Condition : Fit for Analysis
Sample Quantity : 200ml x 2
Sample Identification : Batch No.323.A1
Mfd Dt: 17/10., Exp Dt: 22/10

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	Benzoic acid	SMSLA/IN/SOP/72	mg/kg	BLQ(LOQ:10)	Not Specified	
2	Sorbic acid	SMSLA/IN/SOP/72	mg/kg	BLQ(LOQ:10)	Not Specified	
3	Ponceau	SMSLA/IN/SOP/70	mg/kg	BLQ(LOQ:10)	Not Specified	
4	Indigo Carmine	SMSLA/IN/SOP/70	mg/kg	BLQ(LOQ:10)	Not Specified	
5	Lead as Pb	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.01)	NMT 0.02	
6	Copper as Cu		mg/kg	BDL(DL:0.1)	NMT 30.0	
7	Arsenic as As		mg/kg	BDL(DL:0.1)	NMT 0.1	
8	Zinc as Zn		mg/kg	2.58	NMT 50.0	
9	Tin		mg/kg	BDL(DL:0.025)	NMT 250.0	
10	Cadmium as Cd		mg/kg	BDL(DL:0.04)	NMT 1.50	
11	Methyl Mercury		mg/kg	BDL(DL:0.1)	NMT 0.25	
12	Milk Fat		DGHS Lab Manual-1,2005	g/100g	3.05	Not Specified
13	Test For Starch			-	Nil	Not Specified
14	Added Colouring Matter		DGHS Lab Manual-8,2005	-	Absent	Not Specified
15	Solid Not Fat			g/100g	9.91	Not Specified
16	Milk Protein	g/100g		3.96	Not Specified	
17	Carbohydrates	Pearson Composition of Analysis of Food 9 th Edn	g/100g	5.24	Not Specified	
18	Energy Value		Kcal/100g	64.25	Not Specified	
19	Calcium as ca	SMSLA/IN/SOP/87	mg/100g	171.89	Not Specified	
20	Potassium	SMSLA/IN/SOP/87	mg/100g	80.03	Not Specified	
21	Sodium as Na	SMSLA/IN/SOP/87	mg/100g	42.27	Not Specified	
22	Phosphorus as P	AOAC 19 th Edn. 2012-991.25	mg/100g	96.0	Not Specified	

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Authorised Signatory

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

P. KUMAR
Senior Manager - Food

Accredited by NABL : Approved by EIC, BIS : Recognized by APEDA, MoEF, FSSAI, AGMARK; Certified by ISO 9001:2008 and OHSAS 18001:2007

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Pesticide Residues							
23	Chlordane	SMSLAB/IN/SOP/15	mg/kg	BLQ (LOQ: 0.01)	NMT 0.05		
24	Aldrin			BLQ (LOQ: 0.01)	NMT 0.15		
25	Dieldrin			BLQ (LOQ: 0.01)	NMT 0.15		
26	o p - DDD			BLQ (LOQ: 0.01)	NMT 1.25		
27	p p - DDD			BLQ (LOQ: 0.01)	NMT 1.25		
28	o p - DDT			BLQ (LOQ: 0.01)	NMT 1.25		
29	p p - DDT			BLQ (LOQ: 0.01)	NMT 1.25		
30	o p - DDE			BLQ (LOQ: 0.01)	NMT 1.25		
31	p p - DDE			BLQ (LOQ: 0.01)	NMT 1.25		
32	Chlorpyrifos			BLQ (LOQ: 0.01)	NMT 0.01		
33	Monocrotophos			BLQ (LOQ: 0.01)	NMT 0.02		
34	Ethion			BLQ (LOQ: 0.01)	NMT 0.5		
35	Phorate			BLQ (LOQ: 0.01)	NMT 0.05		
36	Heptachlor			BLQ (LOQ: 0.01)	NMT 0.15		
37	Fenithrothion			BLQ (LOQ: 0.01)	NMT 0.05		
38	Hexachlorocycle Hexane and its Isomers				BLQ (LOQ: 0.01)	Not Specified	
39	Chlorifenvinphos				BLQ (LOQ: 0.01)	NMT 0.2	
40	2,4,D				BLQ (LOQ: 0.01)	NMT 0.05	
41	Carbendazim				BLQ (LOQ: 0.01)	NMT 0.10	
42	Benomyl				BLQ (LOQ: 0.01)	NMT 0.10	
43	Carbofuran				BLQ (LOQ: 0.01)	NMT 0.05	
44	Cypermethrin				BLQ (LOQ: 0.01)	NMT 0.01	
45	Edifenphos				BLQ (LOQ: 0.01)	NMT 0.01	
46	Fenthion				BLQ (LOQ: 0.01)	NMT 0.05	
47	Fenvalerate & Esfenvalerate (Sum of RR & SS Isomers)				BLQ (LOQ: 0.01)	NMT 0.01	
48	Phenthoate				BLQ (LOQ: 0.01)	NMT 0.01	
49	Pirimiphos-methyl				BLQ (LOQ: 0.01)	NMT 0.05	
50	Phorate				BLQ (LOQ: 0.01)	NMT 0.05	
Other Contaminants							
51	Melamine			SMSLA/IN/SOP/45	mg/kg	BLQ (LOQ: 0.001)	NMT 2.5

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R.NAGARAJ
 Sr. Executive Chemist

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Antioxidants					
52	TBHQ	SMSLA/IN/SOP/74	mg/kg	BLQ(LOQ:10)	Not Specified
53	BHA			BLQ(LOQ:10)	
54	BHT			BLQ(LOQ:10)	
55	Sulfur Di Oxide and Sulfites as SO ₂	DGHS LAB Manual 4, 2005	mg/kg	BDL (DL: 10.0)	Not Specified
Aflatoxin					
56	Aflatoxin M1	SMSLA/IN/SOP/52	µg/kg	BLQ(LOQ:0.05)	NMT 0.5
57	Aflatoxin B1		µg/kg	BLQ(LOQ:0.5)	Not Specified
58	Aflatoxin B2		µg/kg	BLQ(LOQ:0.5)	Not Specified
59	Aflatoxin G1		µg/kg	BLQ(LOQ:0.5)	Not Specified
60	Aflatoxin G2		µg/kg	BLQ(LOQ:0.5)	Not Specified
Nots					
61	Agaric acid	SMSLA/IN/SOP/53	mg/kg	BLQ(LOQ:20)	NMT 100.0
62	Hydrocyanic acid	AOAC 19 th Edn.2012-915.03	mg/kg	BDL (DL:1.08)	NMT 5.0
63	Hypercine	SMSLA/IN/SOP/53	mg/kg	BLQ(LOQ:0.2)	NMT 1.0
64	Saffrole	SMSLA/IN/SOP/53	mg/kg	BLQ(LOQ:0.5)	NMT 10.0
Microbiology					
65	E.coli	IS 5887 (Part 1) :1976 ,(Reaff 2009)	--	Absent/g	Absent/g
66	Coliforms	IS 5401Part-1):2012	Cfu/g	< 10	10/g
67	S.aureus	IS 5887 (Part 2) :1976 ,(Reaff 2009)	Cfu/g	< 10	50/g
68	Salmonella spp	IS 5887:Part 3:1999(Reaff 2009)	--	Absent/25g	Absent/25g
69	Listeria Monocytogenes	IS 14988:Part 1: (Reaff 2005)	--	Absent/g	Absent/g
70	Yeast & Mould	IS 5403 : 1999	Cfu/g	< 10	50/g
71	Shigella	IS 5887(Part 7)	Cfu/g	Absent/25g	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. <10 cfu/g can be taken as absent in 1:10 dilution.

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

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Dr. R. Nagaraj

R.NAGARAJ
Sr. Executive Chemist

[Signature]

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JAWAHAR
Micro Biologist

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