



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT

Report No : FD/17040121-04

Report Date : 19 Apr 2017

SAMPLE NOT DRAWN BY LABORATORY

Customer Name : M/S. A.R.DAIRY FOOD PRIVATE LIMITED

Customer Address : No.10/5c, Madurai Road,Bagampur (PO),
Dindugal, 624 002, Tamil Nadu

Sample Name : Raaj Toned Milk Curd

Reference : Letter Dated 10.04.2017

Sample No : FD/17040121-04

Sample Identification : B.No.292 A1,Mid Dt:10 APR,UBD:16 APR Sample Received on : 11 Apr 2017

Sample Condition : Fit for Analysis Test Started on : 12 Apr 2017

Sample Quantity : 4 x 500ml Test Completed on : 19 Apr 2017

Test Results

S/LN	Parameter	Test Method	Results	Unit	Requirement as per FSS ACT 2006
Chemical					
1	Carbohydrate	Pearsons Composition and Analysis of Foods, 9th Edn, 1991	5.0	g/100g	--
2	Energy	Pearsons Composition and Analysis of Foods, 9th Edn, 1991	62.41	Kcal/100g	--
3	Fat	DGHS LAB MANUAL 1, 2005	3.09	g/100g	--
4	Solid Not Fat (SNF)	DGHS Lab Manual-1, 2005	9.08	g/100g	--
5	Sulfites as SO ₂	DGHS LAB Manual 4, 2005	BLQ (LOQ: 10.0)	mg/kg	--
6	Milk Protein(Nx6.38)	DGHS Lab Manual-1,2005	3.65	g/100g	--
Microbiological Analysis					
7	Coliforms	IS 5401 (Part-1), 2012	<10	cfu/gm	<10
8	E.Coli	IS 5887 (Part 1)-1978, RA 2009	Absent/g	--	Absent/g
9	S.aureus	IS 5887 (Part 2)-1976, RA 2009	<10	cfu/gm	<10
10	Salmonella Spp	IS 5887 (Part 3)- 1999, RA 2009	Absent/25g	--	Absent/25g
11	Shigella Spp	IS 5887 (Part 7)- 1999, RA 2009	Absent/25g	--	--
12	Total Plate Count	IS 5402-2012	61400	cfu/gm	--
13	Yeast And Mould	IS 5403-1999, RA 2009	<10	cfu/gm	--
Heavy Metals					
14	Zinc as Zn	SMSLA/IN/SOP/87	BDL (DL:0.1)	mg/kg	NMT 50.0
15	Arsenic as As	SMSLA/IN/SOP/87	BDL (DL:0.01)	mg/kg	NMT 0.10
16	Cadmium as Cd	SMSLA/IN/SOP/87	BDL (DL:0.1)	mg/kg	NMT 0.10
17	Tin as Sn	SMSLA/IN/SOP/87	BDL (DL:0.1)	mg/kg	NMT 250.0
18	Lead as Pb	SMSLA/IN/SOP/87	BDL (DL:0.01)	mg/kg	NMT 0.02
19	Copper as Cu	SMSLA/IN/SOP/87	BDL (DL:0.1)	mg/kg	NMT 30

Page 1 of 3

Authorized Signatory

P. KUMAR

Senior Manager - Food

39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhsal Via, Poonamallee Taluk,
Chennai - 600 124. Phone : 044-26811682 - 664

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

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. The retention period of samples has been stored as per the appropriate regulatory requirements.



SMS LABS SERVICES PRIVATE LIMITED


TEST REPORT

Report No : FD/17040121-04

Report Date : 19 Apr 2017

Sl. No.	Parameter	Test Method	Results	Unit	Requirement as per FSS ACT 2006
20	Methyl mercury as Me-Hg	SMSLA/IN/SOP/87	BDL (DL: 0.1)	mg/kg	NMT 0.25
Minerals					
21	Calcium as Ca	DGHS Lab Manual 1.2005	127.00	mg/100g	--
22	Sodium as Na	SMSLA/IN/SOP/87	43.79	mg/100g	--
23	Potassium as K	SMSLA/IN/SOP/87	98.11	mg/100g	--
24	Phosphorous as P	AQAC 19th Edn.2012-991.25	37.72	mg/100g	--
Pesticides- Poly Halogenated Organic Compounds					
25	Alpha - BHC	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.05
26	Beta - BHC	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.02
27	Gamma - BHC	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.01
28	Delta - BHC	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.02
Pesticides Residues- Benzimidazole					
29	Benomyl	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.10(Fat basis)
30	Carbendazim	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.10(Fat basis)
Pesticides Residues- Chlorophenoxy acid or ester					
31	2,4- D	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.05
Pesticides Residues- N-Methyl Carbamate					
32	Carbofuran	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.05
Pesticides Residues- Organochlorine					
33	2,4' - DDD	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	--
34	2,4' - DDE	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	--
35	2,4' - DDT	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 1.25
36	4,4' - DDD	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	--
37	4,4' - DDE	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	--
38	4,4' - DDT	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	--
39	Aldrin	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.15
40	Chlordane (cis & trans)	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.05
41	Dieldrin	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.15
42	Heptachlor	SMSLA/IN/SOP/15	BDL (DL: 0.01)	mg/kg	NMT 0.15

Page 2 of 3


 Dr. R. NAGARAJ Msc, Mphd, PhD
 Assistant Manager (Instrumentation)

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

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

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 herein 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. The retention period of samples has been stated as per the appropriate regulatory requirements.



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT

Report No : FD/17040121-04

Report Date : 19 Apr 2017

Sl.No	Parameter	Test Method	Results	Unit	Requirement as per FSS ACT 2006
Pesticides Residues - Organophosphorous					
43	Chlorpyrifos	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.01
44	Edifenphos	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.01
45	Ethion	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.50
46	Fenthion	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.05
47	Monocrotophos	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.02
48	Phenthoate	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.01
49	Phorate	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.05
50	Pinmiphos methyl	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.05
51	Chlorfenvinphos (cis & trans)	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.20
52	Fenitrothion	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.05
Pesticides Residues - Pyrethroids					
53	Cypermethrin (isomers)	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.01
54	Fenvalerate	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 0.01
Cyanamides					
55	Melamine	SMSLA/IN/SOP/15	BDL (DL:0.01)	mg/kg	NMT 2.50
Antioxidants					
56	tert-Butylhydroquinone	SMSLA/IN/SOP/74	BLQ (LOQ:10.0)	µg/kg	--
57	Butylated hydroxyanisole	SMSLA/IN/SOP/74	BLQ (LOQ:10.0)	µg/kg	--
58	3,5-Di-tert-4-butylhydroxytoluene	SMSLA/IN/SOP/74	BLQ (LOQ:10.0)	µg/kg	--
Toxins - Aflatoxins					
59	Aflatoxin B1	SMSLA/IN/SOP/52	BLQ (LOQ:2.5)	µg/kg	--
60	Aflatoxin B2	SMSLA/IN/SOP/52	BLQ (LOQ:2.5)	µg/kg	--
61	Aflatoxin G1	SMSLA/IN/SOP/52	BLQ (LOQ:2.5)	µg/kg	--
62	Aflatoxin G2	SMSLA/IN/SOP/52	BLQ (LOQ:2.5)	µg/kg	--
63	Total Aflatoxins (B1+B2+G1+G2)	SMSLA/IN/SOP/52	BLQ (LOQ:2.5)	µg/kg	NMT 30.0
Toxins - Mycotoxins					
64	Aflatoxin M1	SMSLA/IN/SOP/21	BLQ (LOQ:0.05)	µg/kg	NMT 0.50
Toxins - NOTs					
65	Hypericine	SMSLA/IN/SOP/53	BLQ (LOQ:0.2)	mg/kg	NMT 1.0
66	Agaric Acid	SMSLA/IN/SOP/53	BLQ (LOQ:20.0)	mg/kg	NMT 100.0
67	Safrole	SMSLA/IN/SOP/50	BLQ (LOQ:0.5)	mg/kg	NMT 10.0
68	Hydrocyanic acid	AOAC 19th Edn 2012-915.03	BLQ (LOQ:5.0)	mg/kg	NMT 5.0

Note: BDL - Below Detection Limit, DL - Detection Limit *Non NABL
BLQ - Below Quantification Limit, LOQ - Limit of Quantification
<1 cfu/mL can be taken as absent

Remarks: The above sample complies with the specification as per FSS Act 2006 The above tested Parameter

End of Report
Page 3 of 3

Dr. R. Nagaraj
Authorized Signatory
Dr. R. NAGARAJ Msc, Mphd, PhD
Assistant Manager (Instrumentation)

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

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

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) were 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. The retention period of samples has been stored as per the appropriate regulatory requirements.