



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT

Report No : FD/17020135-01

Report Date : 22 Feb 2017

SAMPLE NOT DRAWN BY LABORATORY

Customer Name : M/S. A. R. DAIRY FOOD PRIVATE LIMITED
 Customer Address : No. 10/5c, Madurai Road, Bengampur (PO),
 Dindugal - 624 002, Tamil Nadu.
 Sample Name : Malabar Skimmed Milk Curd
 Sample Description : Semi Solid White in Colour
 Reference : Letter Dated 16.02.17
 Sample No : FD/17020135-01
 Sample Identification : B.No:128, NMfg Dt: 15 feb, UBD: 21 Feb
 Sample Condition : Fit for Analysis
 Sample Quantity : 4 x 500g

Sample Received on : 17 Feb 2017
 Test Started on : 17 Feb 2017
 Test Completed on : 22 Feb 2017

Test Results

Sl.N	Parameter	Test Method	Results	Unit	Requirements as per FSSR ACT 2006
Antioxidants					
1	tert-Butylhydroquinone	SMSLA/IN/SOP/74	BLQ(LOQ:10.0)	mg/kg	Not Specified
2	Butylated hydroxyanisole	SMSLA/IN/SOP/74	BLQ(LOQ:10.0)	mg/kg	Not Specified
3	3,5-Di-tert-4-butylhydroxytoluene	SMSLA/IN/SOP/74	BLQ(LOQ:10.0)	mg/kg	Not Specified
Chemical					
4	Carbohydrate	Pearsons Composition and Analysis of Foods, 9th Edn. 1991	5.08	g/100g	Not Specified
5	Energy	Pearsons Composition and Analysis of Foods, 9th Edn. 1991	39.18	Kcal/100g	Not Specified
6	Fat	DGHS LAB MANUAL I, 2005	0.59	g/100g	Not Specified
7	Hydrocyanic acid	AOAC 19th Edn 2012-915.03	BLQ(LOQ:5.0)	mg/kg	NMT 5.0
8	Phosphorous as P	AOAC 19th Edn.2012-946.02	104.4	mg/100g	Not Specified
9	Solid Not Fat (SNF)	IS 10083 1982, RA 2010	10.45	g/100g	Not Specified
10	Sulfites as SO2	DGHS Lab Manual 4, 2005	BLQ(LOQ:10.0)	g/100g	Not Specified
11	Milk Protein(Nx6.38)	DGHS Lab Manual-1,2005	3.48	g/100g	Not Specified
Cyanamides					
12	Melamine	SMSLA/IN/SOP/45	BDL(DL:10)	µg/kg	NMT 2.5
Heavy Metals					
13	Zinc as Zn	SMSLA/IN/SOP/87	2.77	mg/kg	NMT 50.0
14	Arsenic as As	SMSLA/IN/SOP/87	BDL(DL:0.25)	mg/kg	NMT 0.1
15	Cadmium as Cd	SMSLA/IN/SOP/87	BDL(DL:0.25)	mg/kg	NMT 1.50
16	Tin as Sn	SMSLA/IN/SOP/87	BDL(DL:0.25)	mg/kg	NMT 250.0
17	Lead as Pb	SMSLA/IN/SOP/87	BDL(DL:0.25)	mg/kg	NMT 0.02

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 Sr. Executive Chemist

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Senior Manager - Food

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18	Methyl mercury as Me-Hg	SMSLA/IN/SOP/87	BDL(DL:0.25)	mg/kg	NMT 0.25
19	Calcium as Ca	SMSLA/IN/SOP/87	130	mg/100g	Not Specified
20	Sodium as Na	SMSLA/IN/SOP/87	49.00	mg/100g	Not Specified
21	Potassium as k	SMSLA/IN/SOP/87	98.0	mg/100g	Not Specified
22	Copper as Cu	SMSLA/IN/SOP/87	BDL(DL:0.25)	mg/kg	NMT 30.0
Micro					
23	Coliforms	IS 5401 (Part-1)-2012	<10	cfu/g	10/g
24	E Coli	IS:5887 (Part 1)-1976, RA 2009	Absent/g	--	Absent/g
25	S. aureus	IS 5887 (Part 2)-1976, RA 2009	<10	cfu/g	50/g
26	Salmonella Spp	IS 5887, Part 3, 1976 RA-2009	Absent/25g	--	Absent/25g
27	Shigella Spp	IS:5887 (Part 7)- 1999, RA 2009	Absent/25g	--	--
28	Total Plate Count	IS:5402-2012	<10	cfu/g	--
29	Yeast And Mould	IS 5403-1999, RA 2009	<10	cfu/g	50/g
Pesticides- Poly Halogenated Organic Compounds					
30	Hexachlorocycle Hexane and its isomers	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	Not Specified
Pesticides Residues- Benzimidazole					
31	Benomyl	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.10
32	Carbendazim	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.10
Pesticides Residues- Chlorophenoxy acid or ester					
33	2,4-D	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.05
Pesticides Residues- N-Methyl Carbamate					
34	Carbofuran	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.05
Pesticides Residues- Organochlorine					
35	2,4' - DDD	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.15
36	2,4' - DDE	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.15
37	2,4' - DDT	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.15
38	4,4' - DDD	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.15
39	4,4' - DDE	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.15
40	4,4' - DDT	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.15
41	Aldrin	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.15
42	Chlordane (cis & trans)	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.05
43	Dieldrin	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.15
44	Heptachlor	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.15

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Pesticides Residues- Organophosphorus					
45	Chlorpyrifos	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.01
46	Edifenphos	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.01
47	Ethion	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.5
48	Fenthion	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.02
49	Monocrotophos	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.02
50	Phenthoate	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.01
51	Phorate	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.05
52	Pintriphos methyl	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.05
53	Chlorfenvinphos (cis & trans)	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.2
54	Fenitrothion	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.05
Pesticides Residues- Pyrethroids					
55	Cypermethrin (isomers)	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.01
56	Fenvalerate	SMSLA/IN/SOP/15	BDL(DL:0.01)	mg/kg	NMT 0.01
Toxins-Aflatoxins					
57	Aflatoxin B1	SMSLA/IN/SOP/52	BLQ(LOQ:2.5)	µg/kg	Not Specified
58	Aflatoxin B2	SMSLA/IN/SOP/52	BLQ(LOQ:2.5)	µg/kg	Not Specified
59	Aflatoxin G1	SMSLA/IN/SOP/52	BLQ(LOQ:2.5)	µg/kg	Not Specified
60	Aflatoxin G2	SMSLA/IN/SOP/52	BLQ(LOQ:2.5)	µg/kg	Not Specified
61	Total Afltoxins (B1+B2+G1+G2)	SMSLA/IN/SOP/52	BLQ(LOQ:2.5)	µg/kg	Not Specified
Toxins-NOTs					
62	Hypericine	SMSLA/IN/SOP/53	BLQ(LOQ:0.2)	mg/kg	NMT 1.0
63	Agaric Acid	SMSLA/IN/SOP/53	BLQ(LOQ:20.0)	mg/kg	NMT 100.0
64	Safrole	SMSLA/IN/SOP/53	BLQ(LOQ:0.5)	mg/kg	NMT 10.0

Remarks: The sample complies with the specification as per FSSR 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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