



# SMS LABS SERVICES PRIVATE LIMITED

## TEST REPORT

Report No : FD/16070209-03

Report Date : 04 Aug 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 Full Cream Milk  
Reference : Test Request dated 19 May 2016  
Sample No : FD/16070209-03  
Sample Condition : Fil for Analysis  
Sample Quantity : 500ml x 4  
Sample Identification : Batch No. ABR,  
DOP-29/07/16  
DOE-01/08/16

Sample Received on : 30 Jul 2016  
Test Started on : 30 Jul 2016  
Test Completed on : 04 Aug 2016

### Test Results

Sl.No	Parameter	Test Method	Unit	Results	Requirement as per FSSAI ACY 2008
<b>Natural Occurring Toxin Substances</b>					
1	AflatoxinM1	SMSLA/IN/SOP/21	µg/kg	BDL(DL:0.005)	NMT 0.5
2	Agaric acid	SMSLA/IN/SOP/53	mg/kg	BLQ(LOQ:20.0)	NMT 100.0
3	Hypericine			BLQ(LOQ:0.2)	NMT 1.0
4	Saffrole			BLQ(LOQ:0.5)	NMT 10.0
5	Hydrocyanic acid	SMSLA/IN/SOP/53		BDL(DL:1.08)	NMT 5.0
<b>Heavy Metals</b>					
6	Lead as Pb	SMSLA/IN/SOP/87	mg/kg	BDL(DL:0.01)	NMT 0.02
7	Copper as Cu			BDL(DL:0.1)	NMT 30.0
8	Arsenic as As			BDL(DL:0.1)	NMT 0.1
9	Zinc as Zn			BDL(DL:0.04)	NMT 50.0
10	Tin			BDL(DL:0.025)	NMT 250.0
11	Cadmium as Cd			BDL(DL:0.04)	NMT 1.50
12	Mercury as Hg			BDL(DL:0.1)	NMT 1.0
13	Methyl Mercury			BDL(DL:0.1)	NMT 0.25
14	Sodium	SMSLA/IN/SOP/85	mg/100g	40.15	

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Authorised Signatory  
**R.NAGARAJ**

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Sr. Executive Chemist  
Sl.No.:SMS/2016-2/5000

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 – Organo chlorine</b>					
15	Alpha - BHC	SMSLA/IN/SOP/15	mg/kg	BDL (DL: 0.01)	NMT 0.05
16	Beta - BHC			BDL (DL: 0.01)	NMT 0.02
17	Gamma - BHC			BDL (DL: 0.01)	NMT 0.01
18	Delta - BHC			BDL (DL: 0.01)	NMT 0.02
19	Chlordane			BDL (DL: 0.01)	NMT 0.05
20	Aldrin			BDL (DL: 0.01)	NMT 0.15
21	Dieldrin			BDL (DL: 0.01)	NMT 0.15
22	o p - DDD			BDL (DL: 0.01)	NMT 1.25
23	p p - DDD			BDL (DL: 0.01)	NMT 1.25
24	o p - DDT			BDL (DL: 0.01)	NMT 1.25
25	p p - DDT			BDL (DL: 0.01)	NMT 1.25
26	o p - DDE			BDL (DL: 0.01)	NMT 1.25
27	p p - DDE			BDL (DL: 0.01)	NMT 1.25
28	Chlorpyrifos			BDL (DL: 0.01)	NMT 0.01
29	Monocrotophos			BDL (DL: 0.01)	NMT 0.02
30	Ethion			BDL (DL: 0.01)	NMT 0.5
31	Phorate			BDL (DL: 0.01)	NMT 0.05
32	Heptachlor			BDL (DL: 0.01)	NMT 0.15
33	Fenitrothion			BDL (DL: 0.01)	NMT 0.05
34	Hexachlorocycle Hexane and its Isomers			BDL (DL: 0.01)	Not Specified
35	Chlorfenvinphos			BDL (DL: 0.01)	NMT 0.2
36	2,4,D			BDL (DL: 0.01)	NMT 0.05
37	Paraquate-Dichloride			BDL (DL: 0.01)	NMT 0.01
38	Trichlorfon			BDL (DL: 0.01)	NMT 0.05
39	Carbendazim			BDL (DL: 0.01)	NMT 0.10
40	Benomyl			BDL (DL: 0.01)	NMT 0.10
41	Carbofuran			BDL (DL: 0.01)	NMT 0.05
42	Cypermethrin	BDL (DL: 0.01)	NMT 0.01		
43	Edifenphos	BDL (DL: 0.01)	NMT 0.01		
44	Fenthion	BDL (DL: 0.01)	NMT 0.05		
45	Fenvalerate & Esfenvalerate (Sum of RR & SS Isomers)	BDL (DL: 0.01)	NMT 0.01		
46	Phenthoate	BDL (DL: 0.01)	NMT 0.01		
47	Pirimiphos-methyl	BDL (DL: 0.01)	NMT 0.05		
<b>Other Contaminants</b>					
48	Melamine	SMSLA/IN/SOP/45	mg/kg	BDL(DL:0.001)	NMT 2.5

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	Parameter	Test Method	Unit	Results	Requirement as per FSSAI ACT 2006
Antioxidants					
49	TBHQ	SMSLA/IN/SOP/74	mg/kg	BLQ(LOQ: 10)	Not Specified
50	BHA			BLQ(LOQ: 10)	
51	BHT			BLQ(LOQ: 10)	

**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.

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

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SI.No.: SMS/2016-2/5009  
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