



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT

Report No : FD/16070209-04

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 : Malabar Cow Milk

Reference : Test Request dated 19 May 2016

Sample No : FD/16070209-04

Sample Condition : Fit for Analysis

Sample Quantity : 500ml x 4

Sample Identification : Batch No. VGQ,
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 ACT 2006
Natural Occurring Toxin-Substances					
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)
Heavy Metals					
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	47.15	-

Dr. P. Nagaraj
Authorised Signatory
R.NAGARAJ

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



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Pesticide Residues – Organo chlorine							
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	Fenithrothion			BDL (DL: 0.01)	NMT 0.05		
34	Hexachlorocycle Hexane and its Isomers				BDL (DL: 0.01)	Not Specified	
35	Chlorifenvinphos				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	
Other Contaminants							
48	Melamine			SMSLA/IN/SOP/45	mg/kg	BDL(DL:0.001)	NMT 2.5

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 Authorised Signatory
R.NAGARAJ

SI.No SMS/2016-2/5000 **Executive Chemist**

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

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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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RAAJU MILK

Dr. R. Nagaraj
Authorised Signatory