

Issued to: Jatin Green Farm
Opp. Asian Public School, Dhaula Goan ,
Sohna Road, Gurgaon.

J.O. No.: FL/FA/21012017-022
Report Date: 27/01/2017
Sample Receipt Date: 21/01/2017
Account Manager: Vartika Khandelwal

Sample Particulars:

Nature of the Sample & No. of Samples : **Cow Milk** (One Sample)
Brand Name, if any : None
Sample Quantity & Packaging : 1 Litre, Pet Bottle
Test started on : 21/01/2017
Test Completed : 27/01/2017
Method of Sampling : FL/SOP/B/D-3
Date of Sampling : 21/01/2017
Sample Collected by : Mr. Manvendra Singh (FARE Labs Representative)

Analysis Report

Physical Description- Raw Milk, Free from Off Odor & Taste.

S. No.	Parameters	Test Results	FSSR 2011	Protocol
Chemical Analysis:				
1	Milk Fat, % by wt.	3.5	NLT 3	IS-11721:2013
2	Milk Solid not Fat, % by wt.	8.67	NLT 8.5	AOAC 990.21
Heavy Metals:				
1	Lead, mg/kg	ND, [DL-0.02]	2.5 Max	FL/SOP/C-354
2	Copper, mg/kg	0.16	30 Max	FL/SOP/C-14
3	Arsenic, mg/kg	ND, [DL-0.02]	0.1 Max	FL/SOP/C-354
4	Mercury, mg/kg	ND, [DL-0.02]	1.0 Max	FL/SOP/C-354
5	Tin, mg/kg	0.07	250 Max	FL/SOP/C-354
6	Zinc, mg/kg	6.57	50 Max	FL/SOP/C-14
7	Cadmium, mg/kg	ND, [DL-0.02]	1.5 Max	FL/SOP/C-354
8	Methyl Mercury, mg/kg	ND, [DL-0.02]	0.25 Max	FL/SOP/C-354
Naturally Occurring Toxic Materials:				
1	Agaric acid, mg/kg	ND, [DL-2]	100 Max	FL/SOP/C-34
2	Hypericine, mg/kg	ND, [DL-0.1]	1 Max	FL/SOP/C-36
3	Hydrocyanic acid, mg/kg	ND, [DL-0.2]	5 Max	FL/SOP/C-35
4	Saffrole, mg/kg	ND, [DL-1]	10 Max	FL/SOP/C-37
Aflatoxins:				
1	Aflatoxin M ₁ , µg/kg	ND, [DL-0.1]	0.5 Max	FL/SOP/C-17, By LC-MS

Testing Section

Prepared By
Gauri Shankar

Checked By:
Dr. M. Tripathi, QM

(AUTHORISED SIGNATORY)
D Mathur, Director

Page 1 of 3

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FOOD ANALYSIS & RESEARCH LABORATORY

Analysis Report

S. No.	Parameters	Test Results	FSSR, 2011	Protocol
1	Melamine, mg/kg	ND, [DL-0.01]	NMT 2.5	FL/SOP/C-17, By LCMS
Pesticide Residues : (mg/kg)				
1	2, 4- D	ND, [DL-0.005]	0.05 Max	AOAC 970.52
2	Aldrin	ND, [DL-0.005]	0.15 Max	AOAC 970.52
3	Dieldrin	ND, [DL-0.005]	0.15 Max	AOAC 970.52
4	Carbendazim	ND, [DL-0.005]	0.1 Max	AOAC 970.52
5	Chlordane	ND, [DL-0.005]	0.05 Max	AOAC 970.52
6	Chlorpyrifos	ND, [DL-0.005]	0.01 Max	AOAC 970.52
7	Cypermethrin	ND, [DL-0.005]	0.01 Max	AOAC 970.52
8	2,4 D.D.T	ND, [DL-0.005]	1.25 Max	AOAC 970.52
9	4,4 D.D.D	ND, [DL-0.005]	1.25 Max	AOAC 970.52
10	2,4 D.D.E	ND, [DL-0.005]	1.25 Max	AOAC 970.52
11	4,4 D.D.T	ND, [DL-0.005]	1.25 Max	AOAC 970.52
12	2,4 D.D.D	ND, [DL-0.005]	1.25 Max	AOAC 970.52
13	4,4 D.D.E	ND, [DL-0.005]	1.25 Max	AOAC 970.52
14	Fenitrothion	ND, [DL-0.005]	0.05 Max	AOAC 970.52
15	Fenvalerate	ND, [DL-0.005]	0.01 Max	AOAC 970.52
16	Heptachlor	ND, [DL-0.005]	0.15 Max	AOAC 970.52
17	Heptachlor epoxide	ND, [DL-0.005]	0.15 Max	AOAC 970.52
18	Alpha-HCH	ND, [DL-0.005]	0.01 Max	AOAC 970.52
19	Beta-HCH	ND, [DL-0.005]	0.01 Max	AOAC 970.52
20	Delta-HCH	ND, [DL-0.005]	0.01 Max	AOAC 970.52
21	Lindane	ND, [DL-0.005]	0.01 Max	AOAC 970.52
22	Phorate	ND, [DL-0.005]	0.05 Max	AOAC 970.52
23	Pirimiphos-methyl	ND, [DL-0.005]	0.05 Max	AOAC 970.52
24	Benomyl	ND, [DL-0.005]	0.1 Max	AOAC 970.52
25	Carbofuran	ND, [DL-0.005]	0.05 Max	AOAC 970.52
26	Chlorfenvinphos	ND, [DL-0.005]	0.2 Max	AOAC 970.52
27	Edifenphos	ND, [DL-0.005]	0.01 Max	AOAC 970.52
28	Ethion	ND, [DL-0.005]	0.5 Max	AOAC 970.52
29	Fenthion	ND, [DL-0.005]	0.05 Max	AOAC 970.52
30	Monocrotophos	ND, [DL-0.005]	0.02 Max	AOAC 970.52
31	Phenthoate	ND, [DL-0.005]	0.01 Max	AOAC 970.52

Testing Section

Prepared By
Rita Singh

Checked By:
Dr. M. Tripathi, QM

Page 2 of 3

(AUTHORISED SIGNATORY)
D Mathur, Director

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S. No.	Parameters	Test Results	FSSR 2011	Protocol
Microbiological Analysis:				
1	Total Bacterial count, cfu/ml	431818	-	IS-5402
2	Coliform count, /100ml	Absent	-	IS-5401 (P-2)

ND= Not Detected; **DL**= Detection Limit; **NLT**= Not Less Than

Inference- The tested sample of Milk **conforms** to FSSR, 2011 w.r.t above tests only.

Neke
Testing Section

Shailja
Prepared By
Shailja Raina

Dr. M. Tripathi
Checked By:
Dr. M. Tripathi, QM

Page 3 of 3

Meenakshi Bakshi
(AUTHORISED SIGNATORY)
Ms. Meenakshi Bakshi, Scientist-B

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