



TEST CERTIFICATE

Issued To : Farmsmojo Products Private Limited
Ground Floor, PKP001G043, Kensington Park,
Phase-1, Sec-133, Jaypee Greens Wish Town, Noida
GAUTAM BUDDHA NAGAR, Uttar Pradesh - 201304

Report No: 40-310522-03
Report Date: 04/06/2022
Sample Received On : 31/05/2022
Sampled By: Customer

Description : Said to be Buffalo Ghee (Raj), Quantity of Sample: 800 gram

Analysis Start Date : 31/05/2022
Analysis End Date : 04/06/2022

Page 1 of 6

RESULTS

S.No.	Parameter	Test Method	Results	Units	Limits as per FSSR- 2011
Chemical Residues in Food Products					
Crop Contaminants					
1	Aflatoxin M1	AES/RES/SOP 27.0	BLQ (<0.02)	µg/kg	Max 0.5
Chemical Food & Agricultural products					
Proximate/General Parameters					
2	B.R of extracted fat at 40°C	FSSAI Manual (Milk & Milk Products): 2016	42	-	40-44
3	Baudouin Test	FSSAI Manual (Milk & Milk Products): 2016	Absent	-	Absent
4	Free Fatty Acid (as Oleic Acid)	FSSAI Manual (Milk & Milk Products): 2016	0.18	% by wt.	-
5	Milk Fat	FSSAI Manual (Milk & Milk Products): 2016	99.92	% by wt.	Min 99.5
6	Moisture	FSSAI Manual (Milk & Milk Products): 2016	0.08	% by wt.	Max 0.5
7	Mono unsaturated fatty acid	AES/RES/SOP 66.0	32.15	gm/100gm	-
8	Poly unsaturated fatty acid (PUFA)	AES/RES/SOP 66.0	3.39	gm/100gm	-



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Page 2 of 6

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9	Reichert Meissl Value (RM)	FSSAI Manual (Milk & Milk Products): 2016	26.7	-	Min 24
10	Saturated Fat	AES/RES/SOP 66.0	62.4	gm/100gm	-
11	Trans Fat	AES/RES/SOP 66.0	1.97	gm/100gm	-
Chemical Residues in Food Products					
Metal Contaminants					
12	Arsenic (as As)	AES/RES/SOP 15.0	BLQ (<0.002)	mg/kg	Max 0.1
13	Cadmium (as Cd)	AES/RES/SOP 15.0	BLQ (<0.04)	mg/kg	Max 1.5
14	Copper (as Cu)	AES/RES/SOP 15.0	BLQ (<0.04)	mg/kg	Max 30
15	Lead (as Pb)	AES/RES/SOP 15.0	BLQ (<0.01)	mg/kg	Max 0.02
16	Mercury (as Hg)	AES/RES/SOP 15.0	BLQ (<0.04)	mg/kg	Max 1.0
17	Tin (as Sn)	AES/RES/SOP 15.0	BLQ (<0.25)	mg/kg	Max 250
Other Contaminants					
18	Melamine	AES/RES/SOP 13.0	BLQ (<0.026)	mg/kg	Max 2.5
Pesticide Residues					
19	2,4D	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05



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Page 3 of 6

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20	Acephate (expressed as mixture of methamidophos and acephate)	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
21	Acetamidiprid	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
22	Azoxystrobin	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
23	Bifenthrin	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.2
24	Bitertanol	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05
25	Buprofezin	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
26	Carbaryl	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05
27	Carbendazim	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.1 (F)
28	Carbofuran	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05 (F)
29	Chlorantraniliprole	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05
30	Chlorothalonil	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.07
31	Chlorpyrifos	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
32	Chlothianidin	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
33	Cypermethrin (and isomers) Fat soluble	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05
34	Deltamethrin	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05



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Page 4 of 6

RESULTS

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35	Dichlorvos (DDVP)	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
36	Difenoconazole	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
37	Dimethoate	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05
38	Dinotefuran	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.1
39	Dithiocarbamate as CS2	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.05
40	Edifenphos	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01 (F)
41	Emamectin Benzoate	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
42	Ethion	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.5 (F)
43	Ethofenprox (Etofenprox)	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
44	Fenpropathrin	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.1
45	Fenvalerate	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01 (F)
46	Fipronil	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
47	Flubendiamide	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.1
48	Flusilazole	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05
49	Glufosinate Ammonium	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
50	Imidacloprid	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.1
51	Indoxacarb	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.1



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Page 5 of 6

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52	Kresoxim Methyl	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
53	Mancozeb (as CS2)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.05
54	Methomyl	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
55	Methyl Chlorophenoxy Acetic Acid (M.C.P.A)	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.04
56	Metiram (as CS2)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.05
57	Metolachlor	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
58	Monocrotophos	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.02
59	Oxydemeton-Methyl	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
60	Paraquat Dichloride (Determined as paraquatcations)	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
61	Penconazole	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
62	Phenthoate	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01 (F)
63	Phorate	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05 (F)
64	Primiphos-methyl	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05 (F)
65	Propiconazole	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
66	Pyraclostrobin	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.03



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Page 6 of 6

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67	Sum of benomyl and carbendazim expressed as carbendazim	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.1 (F)
68	Tebuconazole	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
69	Thiacloprid	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05
70	Thiamethoxam	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05
71	Thiophanate-Methyl	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05
72	Triaccontanol	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
73	Triadimefon	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.01
74	Trichlorfon	AES/RES/SOP 6.0 (S.No. 7.3)	BLQ (<0.005)	mg/kg	Max 0.05



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Page 1 of 1

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Chemical Residues in Food Products					
Metal Contaminants					
1	Methyl Mercury (as Mercury)	AES/RES/SOP 15.0	BLQ (<0.125)	mg/kg	Max 0.25

Note(s) : BLQ means Below Limit of Quantification. The values enclosed in brackets are the limit of Quantification of the mentioned test method.
The above remarks are computer generated.



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