



विश्लेषणात्मक रिपोर्ट Analytical Report



TC-6381

Lab Ref. No.: N014420/

Issued to: Ahir Nitin

GIRORGANIC
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ULR No. : TC638123000003216F

Report number: CALF-099131

Sample receipt date: 14 Feb 2023

Report date: 10 Mar 2023

Booking ID: BID-037448

Customer request number: Dated: 01.02.2023

Date of completion of test: 28 Feb 2023

Sample Information:

1. Name of sample: Red Chili

7. Conditions of sample: Properly Sealed

2. Customer sample code: NA

8. Additional information: NA

3. Batch number: NA

4. Manufacturing date: NA

5. Expiry: NA

6. Additional remarks: Red Chili Powder

Test Results

1 Biological

1.1 Food and Agricultural Products

Sr. No	Parameters	Results	Specification FSSAI requirement	Limit of quantification	Test Method
1	Salmonella per 25 gm	Absent	m=Absent/25g M=NA	-	ISO 6579-1

2 Chemical

2.1 Food & Agricultural products (except Human Milk)

Sr. No	Parameters	Results	Specification FSSAI requirement	Limit of quantification	Test Method
1	Moisture % As Such Basis	7.750	11.000 (Max.)	-	Method No 10.003:2021, FSSAI Lab Manual for analysis of

Page 1 of 2 - CALF-099131

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#	Parameter	Unit	Basis	Result	Specification	Limit	Method
2	Total Ash	%	Dry Basis	8.124	8.000 (Max.)	-	Method No 10.006:2021, FSSAI Lab Manual for analysis of Spices, Herbs & Condiments/ IS 1797 (Clause 6)
3	Acid Insoluble Ash	%	Dry Basis	0.222	1.300 (Max.)	0.050	Method No.10.007.2021 FSSAI Lab Manual for analysis of Spices
4	Crude Fiber	%	As Such Basis	27.086	30.000 (Max.)	-	EC No. 152/2009; I of Annex III

2.2 Residues in Food Products

Sr. No	Parameters	Basis	Results	Specification FSSAI requirement	Limit of quantification	Test Method
1	Pesticides for Spices	As Such Basis	As per attached Annexure-01		-	As per attached annexure

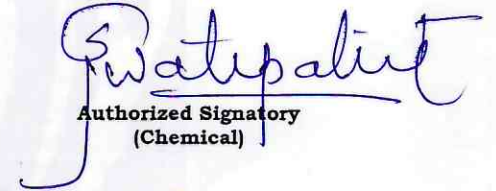
Remarks:
The tests marked with # are out of specification range.

V.No : M

End of test report


Authorized Signatory
(Microbiology)

उर्विक एम धगत / Urvik M Dhagat


Authorized Signatory
(Chemical)

स्वाती पाटील / Swati Patil

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Annexure-

Sr No.	Parameters	Unit	Result	Specification FSSAI	LOQ	Test method
1	(c) Mancozeb	mg/kg	BLQ	10	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
2	Abamectin	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
3	Acetamiprid	mg/kg	BLQ	20	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
4	Alpha naphthyl Acetic Acid	mg/kg	BLQ	2	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
5	Azoxystrobin	mg/kg	BLQ	10	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
6	Buprofezin	mg/kg	BLQ	20	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
7	Carbaryl	mg/kg	BLQ	50	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
8	Carbosulfan	mg/kg	BLQ	20	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
9	Chlorantraniliprole	mg/kg	BLQ	6	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
10	Chlorfenapyr	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
11	Cyantranilipole	mg/kg	BLQ	5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
12	Deltamethrin (Decamethrin)	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
13	Diafenthiuron	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
14	Dicofol (sum of o,p' and p,p' isomers)"	mg/kg	BLQ	10	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
15	Difenoconazole	mg/kg	BLQ	0.1	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
16	Dimethoate	mg/kg	BLQ	5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
17	Dithiocarbamates(the residue tolerance limit are determined and expressed as mg/CS2/kg and refer separately to the residues arising from any or each group of dithiocarbamates)	mg/kg	BLQ	10	0.025	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
18	Fenazaquin	mg/kg	BLQ	5	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
19	Fenpyroximate	mg/kg	BLQ	10	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
20	Fipronil	mg/kg	0.050	0.1	0.010	CALF/SOP/CHEM/MMS/07 (By ICP-MS)
21	Flubendiamide	mg/kg	BLQ	0.2	0.050	CALF/SOP/CHEM/MMS/07 (By ICP-MS)
22	Flusilazole	mg/kg	BLQ	0.1	0.010	CALF/SOP/CHEM/MMS/07 (By ICP-MS)
23	Hexaconazole	mg/kg	BLQ	5	0.010	CALF/SOP/CHEM/MMS/07 (By ICP-MS)
24	Hexythiazox	mg/kg	BLQ	0.1	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
25	Imidacloprid	mg/kg	BLQ	3	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
26	Indoxacarb	mg/kg	BLQ	0.1	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS

LOQ- Limit of Quantification, BLQ- Below limit of quantification

Page 1 of 3 - CALF-0099131

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Sr No.	Parameters	Unit	Result	Specification FSSAI	LOQ	Test method
27	Kresoxim Methyl	mg/kg	BLQ	1.5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
28	Lambda cyhalothrin	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
29	Lufenuron	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
30	Metalaxyl-M	mg/kg	BLQ	0.2	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
31	Methomyl	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
32	Milbemectin	mg/kg	BLQ	0.1	0.050	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
33	Monocrotophos	mg/kg	BLQ	2	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
34	Myclobutanil	mg/kg	BLQ	2	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
35	Novaluron	mg/kg	BLQ	0.1	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
36	Oxydemeton-Methyl	mg/kg	BLQ	20	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
37	Pendimethalin	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
38	Picoxystrobin	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
39	Propargite	mg/kg	BLQ	20	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
40	Propineb	mg/kg	BLQ	20	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
41	Pyraclostrobin	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
42	Pyridalyl	mg/kg	BLQ	0.2	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
43	Pyriproxyfen	mg/kg	0.098	0.2	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
44	Quinalphos	mg/kg	BLQ	2	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
45	Spinetoram and its metabolites (Spinosyn-J and Spinosyn-L)	mg/kg	BLQ	0.5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
46	Spinosad	mg/kg	BLQ	0.1	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
47	Spiromesifen	mg/kg	BLQ	1	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
48	Spirotetramat	mg/kg	BLQ	20	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
49	Tebuconazole	mg/kg	BLQ	4	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
50	Thiacloprid	mg/kg	BLQ	0.2	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
51	Thiamethoxam	mg/kg	BLQ	5	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
52	Thiodicarb	mg/kg	BLQ	0.1	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
53	Triadimefon	mg/kg	BLQ	4	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS

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Page 2 of 3 - CALF-0099131

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Annexure-1

Sr No.	Parameters	Unit	Result	Specification FSSAI	LOQ	Test method
54	Triazophos	mg/kg	BLQ	2	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS
55	Tricyclazole	mg/kg	BLQ	3	0.010	CALF/SOP/CHEM/CCR/21 by GC-MS/MS
56	Trifloxystrobin	mg/kg	BLQ	4	0.010	CALF/SOP/CHEM/CCR/21 by LC-MS/MS

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Page 3 of 3 - CALF-0099131

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