



Test Report No. INHYD23029860403070924

ULR No. : TC504023000010316F

Report Issue Date: 03 Apr 2023

TEST REPORT

Report Issued To: Appkin Agro Private Limited

Godown no-54-55, Sahakari Shitgrah Sanstha Maryadit., Shramik Colony Rau, Indore - Madhya Pradesh, 453331, INDIA

BV Sample ID : 1165623
Group : Food & Agricultural Products, Residues in food Products
Customer Reference :** SSF
Sample receipt date : 27 Mar 2023
Date of registration : 27 Mar 2023
Date of commencing of testing : 28 Mar 2023
Date of Completion of testing : 01 Apr 2023
Sample Name :** Urad Gota
Sample condition on receipt : Ambient
Sample quantity / Package :** 500gm X 1 No
Batch No. / Lot No. :** A77030125
Other information :** Job file Reference: IND-B/23,
Date: 23.03.2023,
Quantity: 10.000MT,
Parcel: PP Bags,
Place of Sampling: At Plant Palda Indore
Type of Sample: PSI,
Seal No: BVILCH14154

Sample Information: Sample Submitted By Customer

No.	Test Parameters	Unit	Test Results	Tolerance limit for Organic Foods as per Jaivik Bharat (FSSAI)	Test Method	LOQ
Pesticide Residues (Discipline: Chemical)						
1	1-Naphthylaceticacid	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
2	2,4 D	mg/kg	BLQ	0.01 max	BVTS/FOOD/INS/SOP-040	0.01
3	Acephate	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
4	Atrazine	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
5	Acetamiprid	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
6	Alachlor	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
7	Amiofos	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
8	Benomyl	mg/kg	BLQ	0.025 max	BVTS/FOOD/INS/SOP-040	0.01
9	BHC Alpha	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
10	BHC Beta	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
11	BHC Delta	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
12	BHC Gamma (Lindane)	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
13	Butachlor	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
14	Bifenthrin	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
15	Bitertanol	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
16	Buprofezin	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
17	Carbendazim	mg/kg	BLQ	0.025 max	BVTS/FOOD/INS/SOP-040	0.01
18	Carbaryl	mg/kg	BLQ	0.075 max	BVTS/FOOD/INS/SOP-040	0.01
19	Captan	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
20	Cartap	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
21	Cypermethrin I	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
22	Benfuracarb	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01



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23	Cypermethrin II	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
24	Cypermethrin III	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
25	Cypermethrin IV	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
26	Cyfluthrin II	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
27	Cyhalofop-butyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
28	Carpropamid	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
29	Carbosulfan	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
30	Chlorfenapyr	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
31	Chlorimuron ethyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
32	Copper oxychloride (Copper determined as elemental copper)	mg/kg	6.15	30 max	BVTS/FOOD/INS/SOP-028	0.01
33	Clomazone	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
34	Chlorothalonil	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
35	Clodinafop Propargyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
36	Chlormequat chloride	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
37	Cyhalothrin I (lambda)	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
38	Cymoxanil	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
39	Deltamethrin	mg/kg	BLQ	0.025 max	BVTS/FOOD/INS/SOP-040	0.01
40	Dichlorvos	mg/kg	BLQ	0.05 max	BVTS/FOOD/INS/SOP-040	0.01
41	Dimethoate	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
42	Dithiocarbamates as CS2	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
43	Diclofop methyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
44	Difenoconazole	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
45	Dithianon	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
46	Dodine	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
47	Dimethomorph	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
48	Diiflubenzuron	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
49	Diuron	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
50	Dicofol -1	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
51	Dicofol -2	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
52	Ethofenprox	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
53	Edifenphos	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
54	Ethoxysulfuron	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
55	Ethephon	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
56	Fenarimol	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
57	Fenvalerate I	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
58	Fenvalerate II	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
59	Fenobucarb	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
60	Fenpropathrin	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
61	Fenazaquin	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
62	Fenoxaprop-p-ethyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
63	Fosetyl-Al	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
64	Fluchloralin	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
65	Flufenacet	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01



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66	Fluvalinate tau	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
67	Glyphosate	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
68	Glufosinate-ammonium(sum of glufosinate,its salts,MPP and NAGexpressed as glufosinateequivalents)	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
69	Hexaconazole	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
70	Iprodione	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
71	Iprobenphos	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
72	Imazethapyr	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
73	Isoprothiolane	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
74	Isoproturon	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
75	Indoxacarb	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
76	Linuron	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
77	Lufenuron	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
78	Malathion	mg/kg	BLQ	0.2 max	BVTS/FOOD/INS/SOP-040	0.01
79	Maleic Hydrazine	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
80	Metaxyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
81	Methyl Chlorophenoxy Acetic Acid (MCPA)	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
82	Methomyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
83	Metolachlor	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
84	Metribuzin	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
85	Methamidophos	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
86	Myclobutanil	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
87	Methabenzthiazuron	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
88	Metsulfuran Methyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
89	Novaluron	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
90	Oxadiazon	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
91	Oxyfluorfen	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
92	Oxadiargyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
93	Paraquat	mg/kg	BLQ	0.01 max	BVTS/FOOD/INS/SOP-040	0.01
94	Oxydementon methyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
95	Phosalone	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
96	Pretilachlor	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
97	Phorate	mg/kg	BLQ	0.01 max	BVTS/FOOD/INS/SOP-040	0.01
98	Permethrin I	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
99	Permethrin II	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
100	Pendimethalin	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
101	Pirimiphos-methyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
102	Penconazole	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
103	Propargite	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
104	Propiconazole	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
105	Profenofos	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
106	Pyrazosulfuron-ethyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
107	Quinolphos	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01



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108	Quizalofop	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
109	Spinosad A	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
110	Spinosad D	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
111	Sulfosulfuron	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
112	Tebuconazole	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
113	Thiamethoxam	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
114	Thiophanate-methyl	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
115	Triazophos	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
116	Thiometon	mg/kg	BLQ	0.01 max	BVTS/FOOD/INS/SOP-040	0.01
117	Tridemorph	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
118	Tri - allate	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
119	Trifluralin	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
120	Tricyclazole	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
121	Triadimefon	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
122	Thiacloprid	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
123	Imidacloprid	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
Naturally Occurring Toxin Substances (NOTS) (Discipline: Chemical)						
124	Hydrocyanic Acid	mg/kg	BLQ	-	AOAC 21st Ed. 915.03	1

Abbreviations: UOM: Unit of measurement, LOQ: Limit of Quantification, LOD: Limit of Detection, BLQ: Below limit of quantification, ND: Not Detected, NMT : Not More Than, NLT: Not Less Than, M: Microbiological limit that no sample unit may exceed. max: Maximum, min: Minimum.
Note: SAMPLE TESTED AS RECEIVED

Authorized Signatory

A. Subha Bhaskar Reddy
Manager Instrumentation

Authorized Signatory

Balasubramaniam K K
Manager Wet Chemistry



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No.	Test Parameters	Unit	Test Results	Tolerance limit for Organic Foods as per Jaivik Bharat (FSSAI)	Test Method	LOQ
Chemical Parameters (Discipline: Chemical)						
125	Inorganic Bromide	mg/kg	BLQ	1.25 max	IS 14626:1999	1
Instrumentation (Discipline: Chemical)						
126	Hydrogen Phosphide	-	Absent	-	By GC MS/MS	-
Pesticide Residues (Discipline: Chemical)						
127	Carbofuran	mg/kg	BLQ	0.005 max	BVTS/FOOD/INS/SOP-040	0.005
128	Chlorfenvinphos	mg/kg	BLQ	0.005 max	BVTS/FOOD/INS/SOP-040	0.005
129	Chlorpyrifos	mg/kg	BLQ	0.005 max	BVTS/FOOD/INS/SOP-040	0.005
130	Chlorobenzilate	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
131	Ethion	mg/kg	BLQ	0.005 max	BVTS/FOOD/INS/SOP-040	0.005
132	Metiram	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
133	Monocrotophos	mg/kg	BLQ	0.005 max	BVTS/FOOD/INS/SOP-040	0.005
134	Propineb	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
135	Phenthoate	mg/kg	BLQ	0.005 max	BVTS/FOOD/INS/SOP-040	0.005
136	Trichlorfon	mg/kg	BLQ	0.005 max	BVTS/FOOD/INS/SOP-040	0.005

Abbreviations: UOM: Unit of measurement, LOQ: Limit of Quantification, LOD: Limit of Detection, BLQ: Below limit of quantification, ND: Not Detected, NMT: Not More Than, NLT: Not Less Than, M: Microbiological limit that no sample unit may exceed. max: Maximum, min: Minimum.

Note: SAMPLE TESTED AS RECEIVED

Remarks :

The above sample meets the Tolerance limit of Jaivik Bharat in organic Foods for the above tested parameters wherever applicable

Authorized Signatory

A. Subha Bhaskar Reddy
Manager Instrumentation

Authorized Signatory

Balasubramaniam K K
Manager Wet Chemistry

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--- End of Report ---



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