

Test Report No. INHYD23015690204111224

Report Issue Date: 04 Feb 2023

TEST REPORT

Report Issued To: Appkin Agro Private Limited	
Godown no-54-55, Sahakari Shitgrah Sanstha Maryadit,, Shramik Colony Rau, Indore - 453331, INDIA	
BV Sample ID :	1109524
Group :	Food & Agricultural Products, Residues in food Products
Customer Reference** :	SSF
Sample receipt date :	30 Jan 2023
Date of registration :	30 Jan 2023
Date of commencing of testing :	02 Feb 2023
Date of Completion of testing :	04 Feb 2023
Sample Name** :	Black Urad Split
Sample condition on receipt :	Ambient
Sample quantity / Package** :	1 kg X 1 No
Batch No. / Lot No.** :	A90060225
Other information** :	Job File Reference: IND-V-123, Quantity: 05.00 MT, Parcel : PP Bags, Buyer: M/S Self, Type of Sample: Pri Shipment, Seal no: 939974.
Sample Information:	Sampling Done by Laboratory
Date of sampling :	27 Jan 2023
Sampling done by :	Mr. Amit Bais(BV Representative)
Sampling procedure :	BVTS/FOOD/GEN/SOP-007
Sampling location :	Palada-Indore

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	Anilofos	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

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22	Benfuracarb	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
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	5.11	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	Dithiacarbamates 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

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65	Flufenacet	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
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 NAG expressed as glufosinate equivalents)	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	Metalaxyl	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	Oxadiazyl	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

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107	Quinolphos	mg/kg	BLQ	-	BVTS/FOOD/INS/SOP-040	0.01
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

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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

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--- End of Report ---