

Test Report



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Report No : TUV(I)/637/20-21/0052000734

Date : 15 May 2020

Name and address of customer : **ISHAN SIKKA
 B 100 GF ARDEE CITY,
 GURGAON
 Pincode-122001**

Name of the sample : **Grapes - Black Carate**

CA No. : **0052000734**

Discipline : **Chemical**

Product Category : **Food & Agricultural Products**

Date of sample receipt : **12 May 2020**

Date(s) of analysis : **12 May 2020 - 15 May 2020**

Sample drawn by : **Customer**

Sl. No.	Pesticides Name	Residue Content (mg/kg)	MRLs as per EU (mg/kg)	LOQ (mg/kg)	Equipment Used	Test Method
1	1-Naphthylacetamide and 1-naphthylacetic acid (sum of 1-naphthylacetamide and 1-naphthylacetic acid and its salts, expressed as 1-naphthylacetic acid)	BLQ	0.06	0.01	LC-MS/MS	TUV/03/SOP/014 Based on AOAC 2007.01, 21st Edition
1.1	1-Naphthylacetamide	BLQ	0.06	0.01	LC-MS/MS	
1.2	1-naphthylacetic acid and its salts	BLQ	0.06	0.01	LC-MS/MS	
2	2,4-D (sum of 2,4-D and its esters expressed as 2,4-D)	BLQ	0.1	0.01	LC-MS/MS	
*3	4-Chloro-3-methylphenol	BLQ	0.01	0.01	GC-MS/MS	
4	4-bromo-2-chlorophenol (metabolite of Profenophos)	BLQ	0.01	0.01	GC-MS/MS	
5	4- CPA (4 Chlorophenoxy acetic acid)	BLQ	0.01	0.01	LC-MS/MS	
6	6-Benzyl adenine	BLQ	0.01	0.01	LC-MS/MS	
7	Abamectin (sum of avermectin B1a, avermectinB1b and delta-8,9 isomer of avermectin B1a)	BLQ	0.01	0.01	LC-MS/MS	
8	Acephate	BLQ	0.01	0.01	LC-MS/MS	
9	Acetamiprid	BLQ	0.5	0.01	LC-MS/MS	
*10	Afidopyropen	BLQ	0.01	0.01	LC-MS/MS	
11	Alachlor	BLQ	0.01	0.01	GC-MS/MS	
12	Aldrin (Aldrin and dieldrin combined expressed as dieldrin)	BLQ	0.01	0.01	GC-MS/MS	
12.1	Aldrin	BLQ	0.01	0.01	GC-MS/MS	
12.2	Dieldrin	BLQ	0.01	0.01	GC-MS/MS	
13	Allethrin and Bioallethrin	BLQ	0.01	0.01	GC-MS/MS	
14	Ametoctradin	BLQ	6	0.01	LC-MS/MS	
15	Atrazine	BLQ	0.05	0.01	LC-MS/MS	
16	Azadirachtin	BLQ	1	0.01	LC-MS/MS	
17	Azoxystrobin	BLQ	3	0.01	LC-MS/MS	
18	Benalaxyl including other mixtures of constituent isomers including Benalaxyl-M (sum of isomers)	BLQ	0.3	0.01	LC-MS/MS	
19	Bendiocarb	BLQ	0.01	0.01	LC-MS/MS	
20	Benomyl (see carbendazim)	BLQ	0.3	0.005	LC-MS/MS	
21	Bifenazate	BLQ	0.7	0.01	LC-MS/MS	
22	Bifenthrin	BLQ	0.3	0.01	GC-MS/MS	
23	Bitertanol	BLQ	0.01	0.01	LC-MS/MS	
24	Boscalid	BLQ	5	0.01	LC-MS/MS	
25	Buprofezin	BLQ	0.01	0.01	LC-MS/MS	
26	Butachlor	BLQ	0.01	0.01	GC-MS/MS	

Sl. No.	Pesticides Name	Residue Content (mg/kg)	MRLs as per EU (mg/kg)	TUV LOQ (mg/kg)	Equipment Used	Test Method
27	Cadmium	BLQ	0.05	0.01	ICP	TUV/03/SOP/004
28	Captafol	BLQ	0.02	0.01	GC-MS/MS	
29	Captan	BLQ	0.03	0.01	GC-MS/MS	
30	Carbaryl	BLQ	0.01	0.01	LC-MS/MS	
31	Carbendazim (including Benomyl)	BLQ	0.3	0.005	LC-MS/MS	
31.1	Benomyl	BLQ	0.3	0.005	LC-MS/MS	
31.2	Carbendazim	BLQ	0.3	0.005	LC-MS/MS	
32	Carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran) @	BLQ	0.002	0.002	LC-MS/MS	
32.1	Carbofuran	BLQ	0.002	0.002	LC-MS/MS	
32.2	3-hydroxy-carbofuran	BLQ	0.002	0.002	LC-MS/MS	
32.3	Carbosulfan	BLQ	0.002	0.002	LC-MS/MS	
32.4	Benfuracarb	BLQ	0.002	0.002	LC-MS/MS	
33	Carboxin	BLQ	0.03	0.01	LC-MS/MS	
34	Cartap hydrochloride	BLQ	0.01	0.01	LC-MS/MS	
35	Chlorantraniliprole	BLQ	1	0.01	LC-MS/MS	
36	Chlordane (cis & trans)	BLQ	0.01	0.01	GC-MS/MS	
36.1	cis-chlordane	BLQ	0.01	0.01	GC-MS/MS	
36.2	trans-chlordane	BLQ	0.01	0.01	GC-MS/MS	
37	Chlorfenapyr	BLQ	0.01	0.01	GC-MS/MS	
38	Chlorfenvinphos	BLQ	0.01	0.01	GC-MS/MS	
39	Chlorfluazuron	BLQ	0.01	0.01	LC-MS/MS	
40	Chlormequat (CCC)	BLQ	0.05	0.005	LC-MS/MS	
41	Chlorothalonil	BLQ	3	0.01	GC-MS/MS	
42	Chlorpropham	BLQ	0.01	0.01	GC-MS/MS	
43	Chlorpyrifos	BLQ	0.01	0.01	GC-MS/MS	
44	Chlorpyrifos methyl	BLQ	1	0.01	GC-MS/MS	
45	Clothianidin	BLQ	0.7	0.01	LC-MS/MS	
46	Clofentezine	BLQ	0.02	0.01	LC-MS/MS	
47	Cyantraniliprole	BLQ	1.5	0.01	LC-MS/MS	
48	Cyazofamid	BLQ	2	0.01	LC-MS/MS	
49	Cyflumetofen	BLQ	0.6	0.01	LC-MS/MS	TUV/03/SOP/014 Based on AOAC 2007.01, 21st Edition
50	Cyfluthrin (including other mixtures of constituent isomers sum of isomers)	BLQ	0.3	0.01	GC-MS/MS	
50.1	Cyfluthrin 1	BLQ	0.3	0.01	GC-MS/MS	
50.2	Cyfluthrin 2	BLQ	0.3	0.01	GC-MS/MS	
50.3	Cyfluthrin 3	BLQ	0.3	0.01	GC-MS/MS	
50.4	Cyfluthrin 4	BLQ	0.3	0.01	GC-MS/MS	
51	Cymoxanil	BLQ	0.3	0.01	LC-MS/MS	
52	Cypermethrin (including other mixtures of constituent isomers sum of isomers)	BLQ	0.5	0.01	GC-MS/MS	
52.1	Cypermethrin 1	BLQ	0.5	0.01	GC-MS/MS	
52.2	Cypermethrin 2	BLQ	0.5	0.01	GC-MS/MS	
52.3	Cypermethrin 3	BLQ	0.5	0.01	GC-MS/MS	
52.4	Cypermethrin 4	BLQ	0.5	0.01	GC-MS/MS	
53	Dazomet (Methylisothiocyanate resulting from the use of Dazomet and metam)	BLQ	0.02	0.01	LC-MS/MS	
54	DDT (all isomers, sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	BLQ	0.05	0.01	GC-MS/MS	
54.1	p,p'-DDT	BLQ	0.05	0.01	GC-MS/MS	
54.2	o,p'-DDT	BLQ	0.05	0.01	GC-MS/MS	
54.3	p,p'-DDE	BLQ	0.05	0.01	GC-MS/MS	
54.4	p,p'-TDE (DDD)	BLQ	0.05	0.01	GC-MS/MS	
55	Deltamethrin	BLQ	0.2	0.01	GC-MS/MS	
56	Diafenthiuron	BLQ	0.01	0.01	LC-MS/MS	
57	Diazinon	BLQ	0.01	0.01	GC-MS/MS	
58	Dichlorvos	BLQ	0.01	0.01	GC-MS/MS	
59	Dicofol (sum of p, p' and o,p' isomers)	BLQ	0.02	0.01	GC-MS/MS	
60	Dieldrin (see Aldrin)	BLQ	0.01	0.01	GC-MS/MS	
61	Difenoconazole	BLQ	3	0.01	LC-MS/MS	
62	Difflubenzuron	BLQ	0.01	0.01	LC-MS/MS	
63	Dimethoate	BLQ	0.01	0.01	LC-MS/MS	
64	Dimethomorph (sum of isomers)	0.079	3	0.01	LC-MS/MS	

Sl. No.	Pesticides Name	Residue Content (mg/kg)	MRLs as per EU (mg/kg)	TUV LOQ (mg/kg)	Equipment Used	Test Method
65	Dinocap (sum of dinocap isomers and their corresponding phenols expressed as dinocap)	BLQ	0.02	0.01	LC-MS/MS	TUV/03/SOP/014 Based on AOAC 2007.01, 21st Edition
66	Dinotefuran	BLQ	0.9	0.01	LC-MS/MS	
67	Diquat	BLQ	0.01	0.01	LC-MS/MS	
68	Dithianon	BLQ	3	0.01	LC-MS/MS	
69	Dithiocarbamates (Mancozeb, Maneb, Propineb, Metiram, Thiram, Zineb and Ziram collectively estimated as CS2)	BLQ	5	0.01	GC-MS/MS	TUV/03/SOP/057
70	Diuron	BLQ	0.01	0.01	LC-MS/MS	TUV/03/SOP/014 Based on AOAC 2007.01, 21st Edition
71	Dodine	BLQ	0.01	0.01	LC-MS/MS	
72	Edifenphos	BLQ	0.01	0.01	LC-MS/MS	
73	Emamectin benzoate B1a, expressed as emamectin	BLQ	0.05	0.01	LC-MS/MS	
74	Endosulphan (All isomers, sum of alpha- and beta-isomers and endosulphan sulphate expressed as endosulphan)	BLQ	0.05	0.01	GC-MS/MS	
74.1	alpha-Endosulphan	BLQ	0.05	0.01	GC-MS/MS	
74.2	beta-Endosulphan	BLQ	0.05	0.01	GC-MS/MS	
74.3	Endosulphan sulphate	BLQ	0.05	0.01	GC-MS/MS	
75	Endrin	BLQ	0.01	0.01	GC-MS/MS	
76	Epoxiconazole	BLQ	0.05	0.01	LC-MS/MS	
77	Ethephon	BLQ	1	0.01	LC-MS/MS	
78	Ethion	BLQ	0.01	0.01	GC-MS/MS	
79	Ethiprole	BLQ	0.01	0.01	LC-MS/MS	
80	Ethofenprox (Etofenprox)	BLQ	4	0.01	GC-MS/MS	
81	Etoxadazole	BLQ	0.5	0.01	LC-MS/MS	
82	Etrifos	BLQ	0.01	0.01	LC-MS/MS	
83	Famoxadone	BLQ	2	0.01	LC-MS/MS	
84	Fenamidon	BLQ	0.6	0.01	LC-MS/MS	
85	Fenarimol	BLQ	0.3	0.01	LC-MS/MS	
86	Fenazaquin	BLQ	0.2	0.01	LC-MS/MS	
87	Fenhexamid	BLQ	15	0.01	LC-MS/MS	
88	Fenitrothion	BLQ	0.01	0.01	GC-MS/MS	
89	Fenobucarb	BLQ	0.01	0.01	LC-MS/MS	
90	Fenpropathrin	BLQ	0.01	0.01	GC-MS/MS	
91	Fenpyroximate	BLQ	0.3	0.01	LC-MS/MS	
92	Fenthion (fenthion and its oxygen analogue, their sulfoxides and sulfone expressed as parent)	BLQ	0.01	0.01	LC-MS/MS	TUV/03/SOP/014 Based on AOAC 2007.01, 21st Edition
92.1	Fenthion	BLQ	0.01	0.01	LC-MS/MS	
92.2	Fenthion-sulfone	BLQ	0.01	0.01	LC-MS/MS	
92.3	Fenthion-sulphoxide	BLQ	0.01	0.01	LC-MS/MS	
93	Fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR) including esfenvalerate) (F) (R)	BLQ	0.3	0.01	GC-MS/MS	
94	Fipronil (sum of fipronil + sulfone metabolite (MB46136) expressed as fipronil)	BLQ	0.005	0.005	GC-MS/MS	
94.1	Fipronil	BLQ	0.005	0.005	GC-MS/MS	
94.2	Fipronil sulfone	BLQ	0.005	0.005	GC-MS/MS	
95	Fonicamid (sum of flonicamid, TNFG and TNFA) (R)	BLQ	0.03	0.01	LC-MS/MS	
95.1	Fonicamid	BLQ	0.03	0.01	LC-MS/MS	
95.2	TNFG	BLQ	0.03	0.01	LC-MS/MS	
95.3	TNFA	BLQ	0.03	0.01	LC-MS/MS	
96	Fluazifop-P (Sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	BLQ	0.01	0.01	LC-MS/MS	
97	Flubendiamide	BLQ	2	0.01	LC-MS/MS	
98	Flufenacet (sum of all compounds containing the N fluorophenyl-N-isopropyl moiety expressed as flufenacet equivalent)	BLQ	0.05	0.01	LC-MS/MS	
99	Flufenoxuron	BLQ	1	0.01	LC-MS/MS	
100	Flufenzine	BLQ	0.02	0.01	LC-MS/MS	
101	Fluopicolide	BLQ	2	0.01	LC-MS/MS	
102	Fluopyram	BLQ	1.5	0.01	LC-MS/MS	
103	Flusilazole	BLQ	0.01	0.01	LC-MS/MS	
*104	Flupyradifurone	BLQ	0.8	0.01	LC-MS/MS	
105	Fluxapyroxad	BLQ	3	0.01	LC-MS/MS	

Sl. No.	Pesticides Name	Residue Content (mg/kg)	MRLs as per EU (mg/kg)	TUV LOQ (mg/kg)	Equipment Used	Test Method
106	Forchlorfenuron (CPPU)	BLQ	0.01	0.01	LC-MS/MS	TUV/03/SOP/014 Based on AOAC 2007.01, 21st Edition
107	Fosetyl-Al (sum fosetyl + phosphonic acid and their salts, expressed as fosetyl)	2.255	100	0.01	LC-MS/MS	
107.1	Fosetyl and its salts	BLQ	100	0.01	LC-MS/MS	
107.2	Phosphonic acid	BLQ	100	0.01	LC-MS/MS	
108	Glufosinate-ammonium (sum of glufosinate, its salts, MPP and NAG expressed as glufosinate equivalents)	BLQ	0.15	0.01	LC-MS/MS	
108.1	Glufosinate-ammonium	BLQ	0.15	0.01	LC-MS/MS	
108.2	MPP	BLQ	0.15	0.01	LC-MS/MS	
108.3	NAG	BLQ	0.15	0.01	LC-MS/MS	
109	Glyphosate	BLQ	0.5	0.01	LC-MS/MS	
110	Hexachlorocyclohexane (HCH), alpha-isomer (F)	BLQ	0.01	0.01	GC-MS/MS	
111	Hexachlorocyclohexane (HCH), beta-isomer (F)	BLQ	0.01	0.01	GC-MS/MS	
112	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	BLQ	0.01	0.01	GC-MS/MS	
112.1	Heptachlor	BLQ	0.01	0.01	GC-MS/MS	
112.2	Heptachlor epoxide	BLQ	0.01	0.01	GC-MS/MS	
113	Hexaconazole	BLQ	0.01	0.01	LC-MS/MS	
114	Hexythiazox	BLQ	1	0.01	LC-MS/MS	
115	Homobrassinolide	BLQ	0.01	0.01	LC-MS/MS	
116	Hydrogen cyanamide (Cyanamide including salts expressed as cyanamide)	BLQ	0.01	0.01	HPLC	
117	Imidacloprid	BLQ	1	0.01	LC-MS/MS	
118	Indoxacarb (sum of indoxacarb and its R enantiomer) (F)	BLQ	2	0.01	LC-MS/MS	
119	Iodosulfuron-methyl (iodosulfuron-methyl including salts, expressed as iodosulfuron-methyl)	BLQ	0.01	0.01	LC-MS/MS	
120	Iprobenphos	BLQ	0.01	0.01	LC-MS/MS	
121	Iprodione	BLQ	0.01	0.01	GC-MS/MS	
122	Iprovalicarb	BLQ	2	0.01	LC-MS/MS	
123	Isoprothiolane	BLQ	0.01	0.01	GC-MS/MS	
124	Isoproturon	BLQ	0.01	0.01	LC-MS/MS	
*125	Kasugamycin	BLQ	0.01	0.01	LC-MS/MS	
126	Kresoxim methyl	BLQ	1	0.01	LC-MS/MS	
127	Lambda-cyhalothrin	BLQ	0.08	0.01	GC-MS/MS	
128	Lead	BLQ	0.1	0.05	ICP	TUV/03/SOP/004
129	Lindane (Gamma-isomer of hexachlorocyclohexane (HCH)) (F)	BLQ	0.01	0.01	GC-MS/MS	TUV/03/SOP/014 Based on AOAC 2007.01, 21st Edition
130	Linuron	BLQ	0.05	0.01	LC-MS/MS	
131	Lufenuron	BLQ	0.01	0.01	LC-MS/MS	
132	Malathion (sum of malathion and malaaxon expressed as malathion)	BLQ	0.02	0.01	GC-MS/MS	
132.1	Malathion	BLQ	0.02	0.01	GC-MS/MS	
132.2	Malaaxon	BLQ	0.02	0.01	GC-MS/MS	
133	Mandipropamid	BLQ	2	0.01	LC-MS/MS	
134	Mepiquat (sum of mepiquat and its salts, expressed as mepiquat chloride)	BLQ	0.02	0.01	LC-MS/MS	
135	Meptyldinocap (sum of 2,4 DNOPC and 2,4 DNOP expressed as meptyldinocap)	BLQ	1	0.01	LC-MS/MS	
136	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	BLQ	2	0.01	LC-MS/MS	
137	Methamidophos	BLQ	0.01	0.01	LC-MS/MS	
138	Methomyl	BLQ	0.01	0.01	LC-MS/MS	
139	Metolachlor and S-metolachlor (metolachlor including other mixtures of constituent isomers including S- metolachlor (sum of isomers))	BLQ	0.05	0.01	LC-MS/MS	
140	Metrafenone	BLQ	7	0.01	LC-MS/MS	
141	Metribuzin	BLQ	0.1	0.01	LC-MS/MS	
142	Milbemectin (sum of milbemycin A4 and milbemycin A3, expressed as milbemectin)	BLQ	0.02	0.01	LC-MS/MS	
142.1	Milbemycin A4	BLQ	0.02	0.01	LC-MS/MS	
142.2	Milbemycin A3	BLQ	0.02	0.01	LC-MS/MS	

Sl. No.	Pesticides Name	Residue Content (mg/kg)	MRLs as per EU (mg/kg)	TUV LOQ (mg/kg)	Equipment Used	Test Method
143	Monocrotophos	BLQ	0.01	0.01	LC-MS/MS	TUV/03/SOP/014 Based on AOAC 2007.01, 21st Edition
144	Myclobutanil	BLQ	1	0.01	LC-MS/MS	
145	Nitenpyram	BLQ	0.01	0.01	LC-MS/MS	
146	Nereistoxin	BLQ	0.01	0.01	LC-MS/MS	
147	Novaluron	BLQ	0.01	0.01	LC-MS/MS	
148	Omethoate	BLQ	0.01	0.01	LC-MS/MS	
149	Oxadiazon	BLQ	0.05	0.01	LC-MS/MS	
150	Oxycarboxin	BLQ	0.01	0.01	LC-MS/MS	
151	Oxydemeton- methyl (sum of oxydemeton methyl and demeton-S-methylsulfone expressed as oxydemeton methyl)	BLQ	0.01	0.01	LC-MS/MS	
151.1	Oxydemeton- methyl	BLQ	0.01	0.01	LC-MS/MS	
151.2	Demeton-S-methylsulfone	BLQ	0.01	0.01	LC-MS/MS	
152	Oxyfluorfen	BLQ	0.1	0.01	GC-MS/MS	
153	Paclobotrazol	BLQ	0.05	0.01	LC-MS/MS	
154	Paraquat	BLQ	0.02	0.01	LC-MS/MS	
155	Parathion methyl (sum of Parathion methyl and paraoxon methyl expressed as Parathion methyl)	BLQ	0.01	0.01	GC-MS/MS	
155.1	Parathion methyl	BLQ	0.01	0.01	GC-MS/MS	
155.2	Paraoxon methyl	BLQ	0.01	0.01	LC-MS/MS	
156	Parathion ethyl	BLQ	0.05	0.01	GC-MS/MS	
157	Penconazole	BLQ	0.5	0.01	LC-MS/MS	
158	Pencycuron	BLQ	0.05	0.01	LC-MS/MS	
159	Pendimethalin	BLQ	0.05	0.01	LC-MS/MS	
160	Permethrin (sum of isomers)	BLQ	0.05	0.01	GC-MS/MS	
160.1	cis-Permethrin	BLQ	0.05	0.01	GC-MS/MS	
160.2	trans-Permethrin	BLQ	0.05	0.01	GC-MS/MS	
161	Phenthoate	BLQ	0.01	0.01	LC-MS/MS	
162	Phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	BLQ	0.01	0.01	GC-MS/MS	
162.1	Phorate	BLQ	0.01	0.01	GC-MS/MS	
162.2	Phorate-sulfone	BLQ	0.01	0.01	GC-MS/MS	
162.3	Phorate-sulfoxide	BLQ	0.01	0.01	LC-MS/MS	
163	Phosalone	BLQ	0.01	0.01	GC-MS/MS	
164	Phosphamidon	BLQ	0.01	0.01	LC-MS/MS	
165	Picoxystrobin	BLQ	0.01	0.01	LC-MS/MS	
166	Pirimiphos-methyl	BLQ	0.01	0.01	LC-MS/MS	
167	Profenophos	BLQ	0.01	0.01	GC-MS/MS	
168	Propamocarb (sum of propamocarb and its salt expressed as propamocarb)	BLQ	0.01	0.01	LC-MS/MS	
169	Propanil	BLQ	0.01	0.01	GC-MS/MS	
170	Propargite	BLQ	0.01	0.01	LC-MS/MS	
171	Propetamphos	BLQ	0.01	0.01	GC-MS/MS	
172	Propiconazole (sum of isomers) (F)	BLQ	0.3	0.01	LC-MS/MS	
173	Propoxur	BLQ	0.05	0.01	GC-MS/MS	
174	Pymetrozine	BLQ	0.02	0.01	LC-MS/MS	
175	Pyraclostrobin	BLQ	1	0.01	LC-MS/MS	
176	Pyridaben	BLQ	0.01	0.01	LC-MS/MS	
177	Pyriproxyfen	BLQ	0.05	0.01	GC-MS/MS	
178	Quinalphos	BLQ	0.01	0.01	LC-MS/MS	
179	Simazine	BLQ	0.2	0.01	LC-MS/MS	
180	Spinetoram	BLQ	0.5	0.01	LC-MS/MS	
181	Spinosad (sum of Spinosyn A+D)	BLQ	0.5	0.01	LC-MS/MS	
181.1	Spinosyn A	BLQ	0.5	0.01	LC-MS/MS	
181.2	Spinosyn D	BLQ	0.5	0.01	LC-MS/MS	
182	Spirodiclofen	BLQ	2	0.01	LC-MS/MS	
183	Spiromesifen	BLQ	0.02	0.01	LC-MS/MS	
184	Spirotetramat and its 4 metabolites BY108330-enol, BY108330-ketohydroxy, BY 108330-monohydroxy, and BY 10833 enol-glucoside, expressed as spirotetramate	0.091	2	0.01	LC-MS/MS	
184.1	Spirotetramat	BLQ	2	0.01	LC-MS/MS	
184.2	BY108330-enol	BLQ	2	0.01	LC-MS/MS	
184.3	BY108330-ketohydroxy	BLQ	2	0.01	LC-MS/MS	
184.4	BY 108330-monohydroxy	BLQ	2	0.01	LC-MS/MS	
184.5	BY 10833 enol-glucoside	BLQ	2	0.01	LC-MS/MS	

Sl. No.	Pesticides Name	Residue Content (mg/kg)	MRLs as per EU (mg/kg)	TUV LOQ (mg/kg)	Equipment Used	Test Method
*185	Sulfoxaflor (Sum of isomer)	BLQ	2	0.01	LC-MS/MS	TUV/03/SOP/014 Based on AOAC 2007.01, 21st Edition
186	tau- Fluvalinate	BLQ	1	0.01	GC-MS/MS	
187	Tebuconazole	BLQ	0.5	0.01	LC-MS/MS	
188	Temephos	BLQ	0.01	0.01	LC-MS/MS	
189	Tetraconazole	BLQ	0.5	0.01	LC-MS/MS	
190	Thiabendazole	BLQ	0.01	0.01	LC-MS/MS	
191	Thiacloprid	BLQ	0.01	0.01	LC-MS/MS	
192	Thiamethoxam	BLQ	0.4	0.01	LC-MS/MS	
193	Thiobencarb (4-chlorobenzyl methyl sulfone) (A)	BLQ	0.01	0.01	LC-MS/MS	
194	Thiodicarb	BLQ	0.01	0.01	LC-MS/MS	
195	Thiometon	BLQ	0.01	0.01	LC-MS/MS	
196	Thiocyclam	BLQ	0.01	0.01	LC-MS/MS	
197	Thiophanate-methyl	BLQ	0.1	0.005	LC-MS/MS	
198	Tolfenpyrad	BLQ	0.01	0.01	LC-MS/MS	
199	Transfluthrin	BLQ	0.01	0.01	GC-MS/MS	
200	Triadimefon	BLQ	0.01	0.01	LC-MS/MS	
201	Triadimenol (any ratio of constituent isomers)	BLQ	0.3	0.01	LC-MS/MS	
202	Triazophos	BLQ	0.01	0.01	LC-MS/MS	
203	Trichlorfon	BLQ	0.01	0.01	LC-MS/MS	
204	Tricyclazole	BLQ	0.01	0.01	LC-MS/MS	
205	Tridemorph	BLQ	0.01	0.01	LC-MS/MS	
206	Trifloxystrobin	BLQ	3	0.01	LC-MS/MS	
207	Trifluralin	BLQ	0.01	0.01	GC-MS/MS	
208	Uracil	BLQ	1	1	LC-MS/MS	

BLQ- Below Limit of Quantification; MRL-Maximum Residual Limit

Note : Sample Conforms as per EU-MRL for above tested parameters.

* - Not under scope of accreditation.

Authorized by
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Head - Instrumentation Laboratory

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End of Report