

## Grape Test report format

Date: 8<sup>th</sup> January, 2018

Sr. No.	Name of Chemicals/Pesticides detected	Residue Content(mg/kg)		Harmonized EU-MRL (mg/kg )	Equipment used for analysis	Limit of Quantification (LOQ) (mg/kg)
		Individual	Sum			
1	1-Naphthylacetamide and 1-naphthylacetic acid (sum of 1-naphthylacetamide and 1-naphthylacetic acid and its salts, expressed as 1-naphthylacetic acid)				LC-MS/MS	
1.1	1-Naphthylacetamide	BLQ	BLQ	0.06*	LC-MS/MS	0.02
1.2	1-naphthylacetic acid and its salts, expressed as 1-naphthylacetic acid	BLQ			LC-MS/MS	
2	2,4-D (sum of 2,4-D and its esters expressed as 2,4-D)	BLQ			BLQ	
3	4-bromo-2-chlorophenol (metabolite of Profenophos)	BLQ	BLQ	0.01*	GC-MS/MS	0.01
4	4-CPA (4 Chlorophenoxy acetic acid)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
5	6-Benzyl adenine	BLQ	BLQ	0.01*	LC-MS/MS	0.01
6	Abamectin (sum of avermectin B1a, avermectin B1b and delta-8,9 isomer of avermectin B1a)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
7	Acephate	BLQ	BLQ	0.01*	LC-MS/MS	0.01
8	Acetamiprid	BLQ	BLQ	0.50	LC-MS/MS	0.01
9	Alachlor	BLQ	BLQ	0.01*	LC-MS/MS	0.01
10	Aldrin (Aldrin and dieldrin combined expressed as dieldrin)				GC-MS/MS	
10.1	Aldrin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
10.2	Dieldrin	BLQ			GC-MS/MS	
11	Allethrin and Bioallethrin	BLQ	BLQ	0.01*	GC-MS/MS	0.01

Sr. No.	Name of Chemicals/Pesticides detected	Residue Content(mg/kg)		Harmonized EU-MRL (mg/kg )	Equipment used for analysis	Limit of Quantification (LOQ) (mg/kg)
		Individual	Sum			
12	Ametoctradin	BLQ	BLQ	6.00	LC-MS/MS	0.01
13	Atrazine	BLQ	BLQ	0.05*	LC-MS/MS	0.01
14	Azadirachtin	BLQ	BLQ	1.00	LC-MS/MS	0.05
15	Azoxystrobin	BLQ	BLQ	3.00	LC-MS/MS	0.01
16	Benalaxyl including other mixtures of constituent isomers including Benalaxyl-M (sum of isomers)	BLQ	BLQ	0.30	LC-MS/MS	0.01
17	Bendiocarb	BLQ	BLQ	0.01*	GC-MS/MS	0.01
18	Benomyl (see carbendazim)	BLQ	BLQ	0.30	LC-MS/MS	0.01
19	Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate) (F)		BLQ	0.70	LC-MS/MS	0.01
19.1	Bifenazate	BLQ			LC-MS/MS	0.01
19.2	Bifenazate-diazene	BLQ			LC-MS/MS	0.01
20	Bifenthrin (sum of isomers) (F)	BLQ	BLQ	0.01*	GC-MS/MS	0.01
21	Bitertanol (sum of isomers) (F)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
22	Boscalid	BLQ	BLQ	5.00	LC-MS/MS	0.01
23	Buprofezin	BLQ	BLQ	1.00	LC-MS/MS	0.01
24	Butachlor	BLQ	BLQ	0.01*	LC-MS/MS	0.01
25	Cadmium	BLQ	BLQ	0.05#	ICP	0.02
26	Captafol	BLQ	BLQ	0.02*	GC-MS/MS	0.01
27	Captan (Sum of captan and THPI, expressed as captan) (R) (A)				GC-MS/MS	
27.1	Captan	BLQ	BLQ	0.03*	GC-MS/MS	0.01
27.2	Tetrahydrophthalimide (THPI)	BLQ			GC-MS/MS	
28	Carbaryl	BLQ	BLQ	0.01*	LC-MS/MS	0.01
29	Carbendazim (including Benomyl)				LC-MS/MS	
29.1	Benomyl	BLQ	BLQ	0.30	LC-MS/MS	0.01
29.2	Carbendazim	BLQ			LC-MS/MS	

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		Individual	Sum			
30	Carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran) (R)				LC-MS/MS	
30.1	Carbofuran	BLQ	BLQ	0.002*	LC-MS/MS	0.002
30.2	3-hydroxy-carbofuran	BLQ			LC-MS/MS	
30.3	Carbosulfan	BLQ			LC-MS/MS	
30.4	Benfuracarb	BLQ			LC-MS/MS	
30.5	Furathiocarb	BLQ			LC-MS/MS	
31	Carboxin	BLQ	BLQ	0.05*	LC-MS/MS	0.01
32	Cartap hydrochloride	BLQ	BLQ	0.01*	LC-MS/MS	0.01
33	Chlorantraniliprole	BLQ	BLQ	1.00	LC-MS/MS	0.01
34	Chlordane (cis& trans)				GC-MS/MS	
34.1	cis-chlordane	BLQ	BLQ	0.01*	GC-MS/MS	0.01
34.2	trans-chlordane	BLQ			GC-MS/MS	
35	Chlorfenapyr	BLQ	BLQ	0.01*	GC-MS/MS	0.01
36	Chlorfenvinphos	BLQ	BLQ	0.01*	GC-MS/MS	0.01
37	Chlorfluazuron	BLQ	BLQ	0.01*	LC-MS/MS	0.01
38	Chlormequat (CCC)	BLQ	BLQ	0.05*	LC-MS/MS	0.01
39	Chlorothalonil	BLQ	BLQ	3.00	GC-MS/MS	0.01
40	Chlorpropham	BLQ	BLQ	0.01*	LC-MS/MS	0.01
41	Chlorpyrifos	BLQ	BLQ	0.01*	GC-MS/MS	0.01
42	Chlorpyrifos methyl	BLQ	BLQ	0.20	GC-MS/MS	0.01
43	Clothianidin	BLQ	BLQ	0.70	LC-MS/MS	0.01
44	Cyantraniliprole	BLQ	BLQ	1.50	LC-MS/MS	0.01
45	Cyazofamid	BLQ	BLQ	2.00	LC-MS/MS	0.01
46	Cyflumetofen	BLQ	BLQ	0.60	LC-MS/MS	0.01
47	Cyfluthrin (including other mixtures of constituent isomers sum of isomers)				GC-MS/MS	
47.1	Cyfluthrin 1	BLQ	BLQ	0.30	GC-MS/MS	0.01
47.2	Cyfluthrin 2	BLQ			GC-MS/MS	
47.3	Cyfluthrin 3	BLQ			GC-MS/MS	
					GC-MS/MS	

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		Individual	Sum			
47.4	Cyfluthrin 4	BLQ			GC-MS/MS	
48	Cymoxanil	BLQ	BLQ	0.30	LC-MS/MS	0.01
49	Cypermethrin (including other mixtures of constituent isomers sum of isomers)				GC-MS/MS	
49.1	Cypermethrin 1	BLQ			GC-MS/MS	
49.2	Cypermethrin 2	BLQ			GC-MS/MS	
49.3	Cypermethrin 3	BLQ			GC-MS/MS	
49.4	Cypermethrin 4	BLQ			GC-MS/MS	
50	Dazomet (Methylisothiocyanate resulting from the use of Dazomet and metam)	BLQ	BLQ	0.02*	LC-MS/MS	0.01
51	DDT (all isomers, sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)				GC-MS/MS	
51.1	p,p'-DDT	BLQ			GC-MS/MS	
51.2	o,p'-DDT	BLQ			GC-MS/MS	
51.3	p,p'-DDE	BLQ			GC-MS/MS	
51.4	p,p'-TDE (DDD)	BLQ			GC-MS/MS	
52	Deltamethrin	BLQ	BLQ	0.20	GC-MS/MS	0.01
53	Diafenthiuron	BLQ	BLQ	0.01*	LC-MS/MS	0.01
54	Diazinon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
55	Dichlorvos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
56	Dicofol (sum of p, p' and o,p' isomers)	BLQ	BLQ	0.02*	GC-MS/MS	0.01
57	Dieldrin (see Aldrin)	BLQ	BLQ	0.01*	GC-MS/MS	0.01
58	Difenoconazole	BLQ	BLQ	3.00	LC-MS/MS	0.01
59	Diflubenzuron	BLQ	BLQ	1.00	LC-MS/MS	0.01
60	Dimethoate (Including Omethoate)				LC-MS/MS	
60.1	Dimethoate	BLQ			LC-MS/MS	
60.2	Omethoate	BLQ			LC-MS/MS	
61	Dimethomorph	BLQ	BLQ	3.00	LC-MS/MS	0.01

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62	Dinocap (sum of dinocap isomers and their corresponding phenols expressed as dinocap)	BLQ	BLQ	0.02*	LC-MS/MS	0.01
63	Dinotefuran	BLQ	BLQ	0.90	LC-MS/MS	0.01
64	Diquat	BLQ	BLQ	0.01*	LC-MS/MS	0.01
65	Dithianon	BLQ	BLQ	3.00	LC-MS/MS	0.01
66	Dithiocarbamates (Mancozeb, Maneb, Propineb, Metiram, Thiram, Zineb and Ziram collectively estimated as CS2)	BLQ	BLQ	5.00	GC-MS	0.01
67	Diuron	BLQ	BLQ	0.01*	LC-MS/MS	0.01
68	Dodine	BLQ	BLQ	0.01*	LC-MS/MS	0.01
69	Edifenphos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
70	Emamectin Benzoate	BLQ	BLQ	0.05	LC-MS/MS	0.01
71	Endosulphan (All isomers, sum of <i>alpha</i> - and <i>beta</i> -isomers and endosulphan sulphate expressed as endosulphan)				GC-MS/MS	
71.1	alpha-Endosulphan	BLQ	BLQ	0.05*	GC-MS/MS	0.01
71.2	beta-Endosulphan	BLQ			GC-MS/MS	
71.3	Endosulphan sulphate	BLQ			GC-MS/MS	
72	Endrin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
73	Epoxiconazole	BLQ	BLQ	0.05	LC-MS/MS	0.01
74	Ethephon	BLQ	BLQ	1.00	LC-MS/MS	0.01
75	Ethion	BLQ	BLQ	0.01*	LC-MS/MS	0.01
76	Ethiprole	BLQ	BLQ	0.01*	LC-MS/MS	0.01
77	Ethofenprox (Etofenprox)	BLQ	BLQ	5.00	GC-MS/MS	0.01
78	Etoxazole	BLQ	BLQ	0.50	LC-MS/MS	0.01
79	Etrimfos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
80	Famoxadone	BLQ	BLQ	2.00	LC-MS/MS	0.01
81	Fenamidone	BLQ	BLQ	0.60	LC-MS/MS	0.01

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82	Fenarimol	BLQ	BLQ	0.30	LC-MS/MS	0.01
83	Fenazaquin	BLQ	BLQ	0.20	LC-MS/MS	0.01
84	Fenhexamid (F)	BLQ	BLQ	15.00	LC-MS/MS	0.01
85	Fenitrothion	BLQ	BLQ	0.01*	GC-MS/MS	0.01
86	Fenobucarb	BLQ	BLQ	0.01*	LC-MS/MS	0.01
87	Fenpropathrin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
88	Fenpyroximate	BLQ	BLQ	0.30	LC-MS/MS	0.01
89	Fenthion (fenthion and its oxygen analogue, their sulfoxides and sulfone expressed as parent)				LC-MS/MS	
89.1	Fenthion	BLQ			LC-MS/MS	
89.2	Fenthion-sulfone	BLQ			LC-MS/MS	
89.3	Fenthion-sulphoxide	BLQ			LC-MS/MS	
90	Fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR) including esfenvalerate) (F) (R)	BLQ	BLQ	0.30	GC-MS/MS	0.01
91	Fipronil (sum of fipronil + sulfone metabolite (MB46136) expressed as fipronil)				LC-MS/MS	
91.1	Fipronil	BLQ			LC-MS/MS	
91.2	Fipronil sulfone	BLQ			LC-MS/MS	
92	Flonicamid (sum of flonicamid, TNFG and TNFA) (R)	BLQ				
92.1	Flonicamid	BLQ				
92.2	TNFG	BLQ				
92.3	TNFA	BLQ				
93	Fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
94	Flubendiamide	BLQ	BLQ	2.00	LC-MS/MS	0.01

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		Individual	Sum			
95	Flufenacet (sum of all compounds containing the N fluorophenyl-N-isopropyl moiety expressed as flufenacet equivalent)	BLQ	BLQ	0.05*	LC-MS/MS	0.01
96	Flufenoxuron	BLQ	BLQ	1.00	LC-MS/MS	0.01
97	Flufenzine	BLQ	BLQ	0.02	LC-MS/MS	0.01
98	Fluopicolide	BLQ	BLQ	2.00	LC-MS/MS	0.01
99	Fluopyram	BLQ	BLQ	1.50	LC-MS/MS	0.01
100	Flusilazole	BLQ	BLQ	0.01*	LC-MS/MS	0.01
101	Fluxapyroxad	BLQ	BLQ	3.00	LC-MS/MS	0.01
102	Forchlorfenuron (CPPU)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
103	Fosetyl-Al (sum fosetyl + phosphonic acid and their salts, expressed as fosetyl)				LC-MS/MS	
103.1	Fosetyl and its salts	BLQ	BLQ	100.00	LC-MS/MS	0.01
103.2	Phosphonic acid	BLQ			LC-MS/MS	
104	Glufosinate-ammonium (sum of glufosinate, its salts, MPP and NAG expressed as glufosinate equivalents)				LC-MS/MS	
104.1	Glufosinate-ammonium	BLQ			LC-MS/MS	
104.2	MPP	BLQ	BLQ	0.15	LC-MS/MS	0.01
104.3	NAG	BLQ			LC-MS/MS	
105	Glyphosate	BLQ	BLQ	0.50	LC-MS/MS	0.01
106	HCH (sum of isomers, except the <i>gamma</i> isomer)				GC-MS/MS	
106.1	alpha-HCH	BLQ			GC-MS/MS	
106.2	beta-HCH	BLQ	BLQ	0.01*	GC-MS/MS	0.01
106.3	delta-HCH	BLQ			GC-MS/MS	
107	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)				GC-MS/MS	
107.1	Heptachlor	BLQ	BLQ	0.01*	GC-MS/MS	0.01
107.2	Heptachlor epoxide	BLQ			GC-MS/MS	

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		Individual	Sum			
108	Hexaconazole	BLQ	BLQ	0.01*	LC-MS/MS	0.01
109	Hexythiazox	BLQ	BLQ	1.00	LC-MS/MS	0.01
110	Homobrassinolide	BLQ	BLQ	0.01*†	LC-MS/MS	0.01
111	Hydrogen cyanamide (Cyanamide including salts expressed as cyanamide)	BLQ	BLQ	0.01*	HPLC	0.01
112	Imidacloprid	BLQ	BLQ	1.00	LC-MS/MS	0.01
113	Indoxacarb (sum of R and S isomers)	BLQ	BLQ	2.00	LC-MS/MS	0.01
114	Iodosulfuron-methyl (iodosulfuron-methyl including salts, expressed as iodosulfuron-methyl)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
115	Iprobenphos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
116	Iprodione	BLQ	BLQ	20.00	GC-MS/MS	0.05
117	Iprovalicarb	BLQ	BLQ	2.00	LC-MS/MS	0.01
118	Isoprothiolane	BLQ	BLQ	0.01*	LC-MS/MS	0.01
119	Isoproturon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
120	Kresoxim methyl	BLQ	BLQ	1.00	LC-MS/MS	0.01
121	Lambda-cyhalothrin	BLQ	BLQ	0.20	GC-MS/MS	0.01
122	Lead	BLQ	BLQ	0.10!	ICP	0.10
123	Lindane ( <i>gamma</i> -HCH)	BLQ	BLQ	0.01*	GC-MS/MS	0.01
124	Linuron	BLQ	BLQ	0.05*	LC-MS/MS	0.01
125	Lufenuron	BLQ	BLQ	1.00	LC-MS/MS	0.01
126	Malathion (sum of malathion and malaoxon expressed as malathion)				LC-MS/MS	
126.1	Malathion	BLQ	BLQ	0.02	LC-MS/MS	0.01
126.2	Malaoxon	BLQ			LC-MS/MS	
127	Mandipropamid	BLQ	BLQ	2.00	LC-MS/MS	0.01
128	Mepiquat	BLQ	BLQ	0.02	LC-MS/MS	0.01
129	Meptyldinocap (sum of 2,4 DNOPC and 2,4 DNOP expressed as meptyldinocap)	BLQ	BLQ	1.00	LC-MS/MS	0.01



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		Individual	Sum			
130	Metalaxyl & Metalaxyl-M	BLQ	BLQ	2.00	LC-MS/MS	0.01
131	Methamidophos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
132	Methomyl and Thiodicarb (sum of methomyl and thiodicarb expressed as methomyl)				LC-MS/MS	
132.1	Methomyl	BLQ	BLQ	0.01*	LC-MS/MS	0.01
132.2	Thiodicarb	BLQ			LC-MS/MS	
133	Metolachlor and S-metolachlor (metolachlor including other mixtures of constituent isomers including S-metolachlor (sum of isomers))	BLQ	BLQ	0.05*	LC-MS/MS	0.01
134	Metrafenone	BLQ	BLQ	7.00	LC-MS/MS	0.01
135	Metribuzin	BLQ	BLQ	0.10*	LC-MS/MS	0.01
136	Milbemectin (sum of milbemycin A4 and milbemycin A3, expressed as milbemectin)	BLQ	BLQ		LC-MS/MS	
136.1	Milbemycin A3	BLQ	BLQ	0.02*	LC-MS/MS	0.02
136.2	Milbemycin A4	BLQ	BLQ		LC-MS/MS	
137	Monocrotophos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
138	Myclobutanil	BLQ	BLQ	1.00	LC-MS/MS	0.01
139	Nitenpyram	BLQ	BLQ	0.01*	LC-MS/MS	0.01
140	Nereistoxin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
141	Novaluron	BLQ	BLQ	0.01*	LC-MS/MS	0.01
142	Omethoate (refer to Dimethoate)	BLQ	BLQ	0.02*	LC-MS/MS	0.01
143	Oxadiazon	BLQ	BLQ	0.05*	LC-MS/MS	0.01
144	Oxycarboxin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
145	Oxydemeton- methyl (sum of oxydemeton methyl and demeton-S-methylsulfone expressed as oxydemeton methyl)				LC-MS/MS	
145.1	Oxydemeton- methyl	BLQ	BLQ	0.01*	LC-MS/MS	0.01

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145.2	Demeton-S-methylsulfone	BLQ			LC-MS/MS	
146	Oxyfluorfen	BLQ	BLQ	0.10	GC-MS/MS	0.01
147	Paclobutrazol	BLQ	BLQ	0.05	LC-MS/MS	0.01
148	Paraquat	BLQ	BLQ	0.02*	LC-MS/MS	0.01
149	Parathion methyl (sum of Parathion methyl and paraoxon methyl expressed as Parathion methyl)				GC-MS/MS	
149.1	Parathion methyl	BLQ			GC-MS/MS	
149.2	Paraoxon methyl	BLQ	BLQ	0.01*	GC-MS/MS	0.01
150	Parathion ethyl	BLQ	BLQ	0.05*	GC-MS/MS	0.01
151	Penconazole	BLQ	BLQ	0.40	LC-MS/MS	0.01
152	Pencycuron	BLQ	BLQ	0.05*	LC-MS/MS	0.01
153	Pendimethalin	BLQ	BLQ	0.05*	LC-MS/MS	0.01
154	Permethrin (sum of isomers)				GC-MS/MS	
154.1	cis-Permethrin	BLQ			GC-MS/MS	
154.2	trans-Permethrin	BLQ	BLQ	0.05*	GC-MS/MS	0.01
155	Phenthoate	BLQ	BLQ	0.01*	LC-MS/MS	0.01
156	Phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)				LC-MS/MS	
156.1	Phorate	BLQ			LC-MS/MS	
156.2	Phorate-sulfone	BLQ	BLQ	0.01*	LC-MS/MS	0.01
156.3	Phorate-sulfoxide	BLQ			LC-MS/MS	
157	Phosalone	BLQ	BLQ	0.01*	LC-MS/MS	0.01
158	Phosphamidon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
159	Picoxystrobin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
160	Pirimiphos-methyl	BLQ	BLQ	0.01*	LC-MS/MS	0.01
161	Profenophos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
162	Propamocarb (sum of propamocarb and its salt expressed as propamocarb)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
163	Propanil	BLQ	BLQ	0.01*	GC-MS/MS	0.01
164	Propargite	BLQ	BLQ	0.01*	LC-MS/MS	0.01

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		Individual	Sum			
165	Propetamphos	BLQ	BLQ	0.01*	GC-MS/MS	0.01
166	Propiconazole	BLQ	BLQ	0.30	LC-MS/MS	0.01
167	Propoxur	BLQ	BLQ	0.05	LC-MS/MS	0.01
168	Pymetrozine	BLQ	BLQ	0.02	LC-MS/MS	0.01
169	Pyraclostrobin	BLQ	BLQ	1.00	LC-MS/MS	0.01
170	Pyridaben	BLQ	BLQ	0.50	LC-MS/MS	0.01
171	Pyriproxyfen	BLQ	BLQ	0.05*	GC-MS/MS	0.01
172	Quinalphos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
173	Simazine	BLQ	BLQ	0.20	LC-MS/MS	0.01
174	Spinetoram	BLQ	BLQ	0.50	LC-MS/MS	0.01
175	Spinosad (sum of Spinosyn A+D)	BLQ	BLQ	0.50	LC-MS/MS	0.01
175.1	Spinosyn A	BLQ			LC-MS/MS	
175.2	Spinosyn D	BLQ			LC-MS/MS	
176	Spirodiclofen	BLQ	BLQ	2.00	LC-MS/MS	0.01
177	Spiromesifen	BLQ	BLQ	0.02*	LC-MS/MS	0.01
178	Spirotetramat and its 4 metabolites BYI08330-enol, BYI08330-ketohydroxy, BYI08330-monohydroxy, and BYI08330 enol-glucoside, expressed as spirotetramat (R)		BLQ	2.00	LC-MS/MS	0.01
178.1	BYI08330-enol	BLQ			LC-MS/MS	
178.2	BYI08330-ketohydroxy	BLQ			LC-MS/MS	
178.3	BYI08330-monohydroxy	BLQ			LC-MS/MS	
178.4	BYI08330 enol-glucoside	BLQ			LC-MS/MS	
179	<i>tau</i> -Fluvalinate	BLQ	BLQ	1.00	GC-MS/MS	0.01
180	Tebuconazole	BLQ	BLQ	0.50	LC-MS/MS	0.01
181	Temephos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
182	Tetraconazole	BLQ	BLQ	0.50	GC-MS/MS	0.01
183	Thiabendazole	BLQ	BLQ	0.05	LC-MS/MS	0.01
184	Thiacloprid	BLQ	BLQ	0.01*	LC-MS/MS	0.01
185	Thiamethoxam	BLQ	BLQ	0.40	LC-MS/MS	0.01
186	Thiobencarb	BLQ	BLQ	0.01*	LC-MS/MS	0.01
187	Thiodicarb (see Methomyl)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
188	Thiometon	BLQ	BLQ	0.01*	LC-MS/MS	0.01

Sr. No.	Name of Chemicals/Pesticides detected	Residue Content(mg/kg)		Harmonized EU-MRL (mg/kg )	Equipment used for analysis	Limit of Quantification (LOQ) (mg/kg)
		Individual	Sum			
189	Thiocyclam	BLQ	BLQ	0.01*	LC-MS/MS	0.01
190	Thiophanate-methyl	BLQ	BLQ	0.10*	LC-MS/MS	0.01
191	Tolfenpyrad	BLQ	BLQ	0.01*	LC-MS/MS	0.01
192	Transfluthrin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
193	Triadimefon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
194	Triadimenol (any ratio of constituent isomers)	BLQ	BLQ	0.30	LC-MS/MS	0.01
195	Triazophos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
196	Trichlorfon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
197	Tricyclazole	BLQ	BLQ	0.01*	LC-MS/MS	0.01
198	Tridemorph	BLQ	BLQ	0.01*	LC-MS/MS	0.01
199	Trifloxystrobin	BLQ	BLQ	3.00	LC-MS/MS	0.01
200	Trifluralin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
201	Uracil	BLQ	BLQ	1.00†	LC-MS/MS	1.00

\* EU-MRL set at LOQ (mg/kg) as per [http://ec.europa.eu/sanco\\_pesticides/public/index.cfm?event=substance.selection](http://ec.europa.eu/sanco_pesticides/public/index.cfm?event=substance.selection)

† These are natural products. EU-MRL does not exist for these chemicals. Hence, their MRL is set at the LOQ of the method developed and validated at the National Referral Laboratory of the ICAR-NRC for Grapes.

#Reference: Commission Regulation (EC) No 1881/2006 of 19<sup>th</sup> December 2006.

! Commission Regulation (EU) 2015/1005 of 25<sup>th</sup> June 2015.