

## Test report format for Pomegranate

Dated: 22<sup>nd</sup> May 2017

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)	BLQ	BLQ	0.06*	LC-MS/MS	0.05
1.1	1-Naphthylacetamide	BLQ		0.06*	LC-MS/MS	0.05
1.2	1-naphthylacetic acid and its salts, expressed as 1-naphthylacetic acid	BLQ		0.06*	LC-MS/MS	0.05
2	2,4-D (sum of 2,4-D and its esters expressed as 2,4-D)	BLQ	BLQ	0.05*	LC-MS/MS	0.01
3	2-Bromo-2-nitropropane-1,3-diol	BLQ	BLQ	0.01*	GC-MS/MS	0.01
4	4-bromo-2-chlorophenol (metabolite of Profenophos)	BLQ	BLQ	0.01*	GC-MS/MS	0.01
5	4- CPA (4 Chlorophenoxy acetic acid)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
6	6-Benzyl adenine	BLQ	BLQ	0.01*	LC-MS/MS	0.01
7	Abamectin (sum of avermectin B1a, avermectinB1b and delta-8,9 isomer of avermectin B1a)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
8	Acephate	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			
9	Acetamiprid	BLQ	BLQ	0.01*	LC-MS/MS	0.01
10	Alachlor	BLQ	BLQ	0.01*	LC-MS/MS	0.01
11	Aldrin (Aldrin and dieldrin combined expressed as dieldrin)		BLQ	0.01*	GC-MS/MS	0.01
11.1	Aldrin	BLQ	BLQ	0.01*	GC-MS/MS	
11.2	Dieldrin	BLQ		0.01*	GC-MS/MS	
12	Allethrin and Bioallethrin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
13	Ametoctradin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
14	Atrazine	BLQ	BLQ	0.05*	LC-MS/MS	0.01
15	Azadirachtin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
16	Azoxystrobin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
17	Benalaxyl including other mixtures of constituent isomers including Benalaxyl-M (sum of isomers)	BLQ	BLQ	0.05*	LC-MS/MS	0.01
18	Bendiocarb	BLQ	BLQ	0.01*	GC-MS/MS	0.01
19	Benfuracarb	BLQ	BLQ	0.01*	LC-MS/MS	0.01
20	Benomyl (see carbendazim)	BLQ	BLQ	0.1*	LC-MS/MS	0.01
21	Bifenazate	BLQ	BLQ	0.02*	LC-MS/MS	0.01
22	Bifenthrin	BLQ	BLQ	0.05*	GC-MS/MS	0.01
23	Bitertanol	BLQ	BLQ	0.01*	LC-MS/MS	0.01
24	Buprofezin	BLQ	BLQ	0.05*	LC-MS/MS	0.01
25	Butachlor	BLQ	BLQ	0.01*	LC-MS/MS	0.01
26	Cadmium	BLQ	BLQ	0.05#	ICP	0.02
27	Captafol	BLQ	BLQ	0.02*	GC-MS/MS	0.01
28	Captan	BLQ	BLQ	0.03*	GC-MS/MS	0.01
29	Carbaryl	BLQ	BLQ	0.01*	LC-MS/MS	0.01
30	Carbendazim (including Benomyl)		BLQ	0.1*	LC-MS/MS	0.01
30.1	Benomyl	BLQ	BLQ	0.1*	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			
30.2	Carbendazim	BLQ		0.1*	LC-MS/MS	
31	Carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran) ®		BLQ	0.01*	LC-MS/MS	0.01
31.1	Carbofuran	BLQ	BLQ	0.01*	LC-MS/MS	
31.2	3-hydroxy-carbofuran	BLQ		0.01*	LC-MS/MS	
31.3	Carbosulfan	BLQ		0.01*	LC-MS/MS	
31.4	Benfuracarb	BLQ		0.01*	LC-MS/MS	
32	Carboxin	BLQ	BLQ	0.05*	LC-MS/MS	0.01
33	Cartap hydrochloride	BLQ	BLQ	0.01*	LC-MS/MS	0.01
34	Chlorantraniliprole	BLQ	BLQ	0.4	LC-MS/MS	0.01
35	Chlordane (cis& trans)		BLQ	0.01*	GC-MS/MS	0.01
35.1	cis-chlordane	BLQ	BLQ	0.01*	GC-MS/MS	0.01
35.2	trans-chlordane	BLQ		0.01*	GC-MS/MS	
36	Chlorfenapyr	BLQ	BLQ	0.01*	GC-MS/MS	0.01
37	Chlorfenvinphos	BLQ	BLQ	0.01*	GC-MS/MS	0.01
38	Chlormequat (CCC)	BLQ	BLQ	0.05*	LC-MS/MS	0.01
39	Chlorothalonil	BLQ	BLQ	0.01*	GC-MS/MS	0.01
40	Chlorpyrifos	BLQ	BLQ	0.05*	GC-MS/MS	0.01
41	Chlorpyrifos methyl	BLQ	BLQ	0.05*	GC-MS/MS	0.01
42	Clothianidin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
43	Cyantraniliprole	BLQ	BLQ	0.01*	LC-MS/MS	0.01
44	Cyazofamid	BLQ	BLQ	0.01*	LC-MS/MS	0.01
45	Cyfluthrin (including other mixtures of constituent isomers sum of isomers)		BLQ	0.02*	GC-MS/MS	0.01
45.1	Cyfluthrin 1	BLQ	BLQ	0.02*	GC-MS/MS	0.01
45.2	Cyfluthrin 2	BLQ		0.02*	GC-MS/MS	
45.3	Cyfluthrin 3	BLQ		0.02*	GC-MS/MS	

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			
45.4	Cyfluthrin 4	BLQ		0.02*	GC-MS/MS	
46	Cymoxanil	BLQ	BLQ	0.01*	LC-MS/MS	0.01
47	Cypermethrin (including other mixtures of constituent isomers sum of isomers)		BLQ	0.05*	GC-MS/MS	0.01
47.1	Cypermethrin 1	BLQ	BLQ	0.05*	GC-MS/MS	0.01
47.2	Cypermethrin 2	BLQ		0.05*	GC-MS/MS	
47.3	Cypermethrin 3	BLQ		0.05*	GC-MS/MS	
47.4	Cypermethrin 4	BLQ		0.05*	GC-MS/MS	
48	Dazomet (Methylisothiocyanate resulting from the use of Dazomet and metam)	BLQ	BLQ	0.02*	LC-MS/MS	0.01
49	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*	GC-MS/MS	0.01
49.1	p,p'-DDT	BLQ	BLQ	0.05*	GC-MS/MS	0.01
49.2	o,p'-DDT	BLQ		0.05*	GC-MS/MS	
49.3	p,p'-DDE	BLQ		0.05*	GC-MS/MS	
49.4	p,p'-TDE (DDD)	BLQ		0.05*	GC-MS/MS	
50	Deltamethrin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
51	Diafenthiuron	BLQ	BLQ	0.01*	LC-MS/MS	0.01
52	Diazinon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
53	Dichlorvos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
54	Dicofol (sum of p, p' and o,p' isomers)	BLQ	BLQ	0.02*	GC-MS/MS	0.01
55	Diieldrin (see Aldrin)	BLQ	BLQ	0.01*	GC-MS/MS	0.01
56	Difenoconazole	BLQ	BLQ	0.1	LC-MS/MS	0.01
57	Difflubenzuron	BLQ	BLQ	0.05*	LC-MS/MS	0.01
58	Dimethoate (Including Omethoate)		BLQ	0.02*	LC-MS/MS	0.01
58.1	Dimethoate	BLQ	BLQ	0.02*	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			
58.2	Omethoate	BLQ		0.02*	LC-MS/MS	
59	Dimethomorph	BLQ	BLQ	0.01*	LC-MS/MS	0.01
60	Dinocap (sum of dinocap isomers and their corresponding phenols expressed as dinocap) and Meptyldinocap	BLQ	BLQ	0.02*	LC-MS/MS	0.02
61	Dinotefuran	BLQ	BLQ	0.01*	LC-MS/MS	0.01
62	Diquat	BLQ	BLQ	0.01*	LC-MS/MS	0.02
63	Dithianon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
64	Dithiocarbamates (Mancozeb, Maneb, Propineb, Metiram, Thiram, Zineb and Ziram collectively estimated as CS2)	BLQ	BLQ	0.05*	GC-MS	0.01
65	Diuron (Diuron including all components containing 3,4-dichloroaniline moiety expressed as 3,4-dichloroaniline)		BLQ	0.01*	LC-MS/MS	0.01
65.1	Diuron	BLQ	BLQ	0.01*	LC-MS/MS	0.01
65.2	3,4-dichloroaniline	BLQ		0.01*	LC-MS/MS	
66	Dodine	BLQ	BLQ	0.01*	LC-MS/MS	0.01
67	Edifenphos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
68	Emamectin Benzoate	BLQ	BLQ	0.01*	LC-MS/MS	0.01
69	Endosulphan (All isomers, sum of <i>alpha</i> - and <i>beta</i> -isomers and endosulphan sulphate expressed as endosulphan)		BLQ	0.05*	GC-MS/MS	0.01
69.1	alpha-Endosulphan	BLQ	BLQ	0.05*	GC-MS/MS	0.01
69.2	beta-Endosulphan	BLQ		0.05*	GC-MS/MS	
69.3	Endosulphan sulphate	BLQ		0.05*	GC-MS/MS	
70	Endrin	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			
71	Ethephon	BLQ	BLQ	0.05*	LC-MS/MS	0.05
72	Ethion	BLQ	BLQ	0.01*	LC-MS/MS	0.01
73	Ethofenprox (Etofenprox)	BLQ	BLQ	1	GC-MS/MS	0.01
74	Etrinfos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
75	Famoxadone	BLQ	BLQ	0.01*	LC-MS/MS	0.01
76	Fenamidone	BLQ	BLQ	0.01*	LC-MS/MS	0.01
77	Fenarimol	BLQ	BLQ	0.02*	LC-MS/MS	0.01
78	Fenazaquin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
79	Fenitrothion	BLQ	BLQ	0.01*	GC-MS/MS	0.01
80	Fenobucarb	BLQ	BLQ	0.01*	LC-MS/MS	0.01
81	Fenpropathrin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
82	Fenpyroximate	BLQ	BLQ	0.05*	LC-MS/MS	0.01
83	Fenthion (fenthion and its oxygen analogue, their sulfoxides and sulfone expressed as parent)		BLQ	0.01*	LC-MS/MS	0.01
83.1	Fenthion	BLQ	BLQ	0.01*	LC-MS/MS	0.01
83.2	Fenthion-sulfone	BLQ		0.01*	LC-MS/MS	
83.3	Fenthion-sulphoxide	BLQ		0.01*	LC-MS/MS	
84	Fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR) including esfenvalerate) (F) (R)	BLQ	BLQ	0.02*	GC-MS/MS	0.01
85	Fipronil (sum of fipronil + sulfone metabolite (MB46136) expressed as fipronil)		BLQ	0.005*	GC-MS/MS or LC-MS/MS	0.005
85.1	Fipronil	BLQ	BLQ	0.005*	GC-MS/MS or LC-MS/MS	0.005
85.2	Fipronil sulfone	BLQ		0.005*	GC-MS/MS or LC-MS/MS	
86	Flonicamid (sum of flonicamid, TNFG and TNFA) (R)	BLQ	BLQ	0.03*	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			
86.1	Flonicamid	BLQ		0.03*		
86.2	TNFG	BLQ		0.03*		
86.3	TNFA	BLQ		0.03*		
87	Flubendiamide	BLQ	BLQ	0.01*	LC-MS/MS	0.01
88	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
89	Flufenoxuron	BLQ	BLQ	0.05*	LC-MS/MS	0.01
90	Flufenzine	BLQ	BLQ	0.02*	LC-MS/MS	0.01
91	Fluopicolide	BLQ	BLQ	0.01*	LC-MS/MS	0.01
92	Flusilazole	BLQ	BLQ	0.01*	LC-MS/MS	0.01
93	Forchlorfenuron (CPPU)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
94	Fosetyl-Al (sum fosetyl + phosphorous acid and their salts, expressed as fosetyl)	BLQ	BLQ	2	LC-MS/MS	0.1
94.1	Fosetyl and its salts	BLQ		2	LC-MS/MS	0.01
94.2	Phosphonic acid	BLQ		2	LC-MS/MS	0.01
95	Gibberellic acid	BLQ	BLQ	0.01*	LC-MS/MS	0.01
96	Glufosinate-ammonium (sum of glufosinate, its salts, MPP and NAG expressed as glufosinate equivalents)		BLQ	0.1*	LC-MS/MS	0.05
96.1	Glufosinate-ammonium	BLQ	BLQ	0.1*	LC-MS/MS	
96.2	MPP	BLQ		0.1*	LC-MS/MS	

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			
96.3	NAG	BLQ		0.1*	LC-MS/MS	
97	Glyphosate	BLQ	BLQ	0.1*	LC-MS/MS	0.05
98	HCH (sum of isomers, except the <i>gamma</i> isomer)		BLQ	0.01*	GC-MS/MS	0.01
98.1	alpha-HCH	BLQ	BLQ	0.01*	GC-MS/MS	0.01
98.2	beta-HCH	BLQ		0.01*	GC-MS/MS	
98.3	delta-HCH	BLQ		0.01*	GC-MS/MS	
99	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)		BLQ	0.01*	GC-MS/MS	0.01
99.1	Heptachlor	BLQ	BLQ	0.01*	GC-MS/MS	0.01
99.2	Heptachlor epoxide	BLQ		0.01*	GC-MS/MS	
100	Hexaconazole	BLQ	BLQ	0.01*	LC-MS/MS	0.01
101	Hexythiazox	BLQ	BLQ	0.5	LC-MS/MS	0.01
102	Homobrassinolide	BLQ	BLQ	0.01*	LC-MS/MS	0.01
103	Imidacloprid	BLQ	BLQ	1	LC-MS/MS	0.01
104	Indoxacarb (sum of R and S isomers)	BLQ	BLQ	0.02*	LC-MS/MS	0.01
105	Iodosulfuron-methyl (iodosulfuron-methyl including salts, expressed as iodosulfuron-methyl)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
106	Iprobenphos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
107	Iprodione	BLQ	BLQ	0.01*	GC-MS/MS	0.01
108	Iprovalicarb	BLQ	BLQ	0.01*	LC-MS/MS	0.01
109	Isoprothiolane	BLQ	BLQ	0.01*	LC-MS/MS	0.01
110	Isoproturon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
111	Kresoxim methyl	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			
112	Lambda-cyhalothrin	BLQ	BLQ	0.02*	GC-MS/MS	0.01
113	Lead	BLQ	BLQ	0.10#	ICP	0.05
114	Lindane ( <i>gamma</i> -HCH)	BLQ	BLQ	0.01*	GC-MS/MS	0.01
115	Linuron	BLQ	BLQ	0.05*	LC-MS/MS	0.02
116	Lufenuron	BLQ	BLQ	0.02*	LC-MS/MS	0.02
117	Malathion (sum of malathion and malaaxon expressed as malathion)	BLQ	BLQ	0.02*	LC-MS/MS	0.01
117.1	Malathion	BLQ	BLQ	0.02*	LC-MS/MS	0.01
117.2	Malaaxon	BLQ	BLQ	0.02*	LC-MS/MS	0.01
118	Mandipropamid	BLQ	BLQ	0.01*	LC-MS/MS	0.01
119	Mepiquat	BLQ	BLQ	0.02*	LC-MS/MS	0.05
120	Metalaxyl&Metalaxy I-M	BLQ	BLQ	0.05*	LC-MS/MS	0.01
121	Methamidophos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
122	Methomyl and Thiodicarb (sum of methomyl and thiodicarb expressed as methomyl)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
122.1	Methomyl	BLQ	BLQ	0.02*	LC-MS/MS	0.01
122.2	Thiodicarb	BLQ	BLQ	0.02*	LC-MS/MS	0.01
123	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
124	Metribuzin	BLQ	BLQ	0.10*	LC-MS/MS	0.01
125	Milbemectin (sum of milbemycin A4 and	BLQ	BLQ	0.02*	LC-MS/MS	

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			
	milbemycin A3, expressed as milbemectin)					0.02
125.1	Milbemycin A3	BLQ	BLQ	0.02*	LC-MS/MS	
125.2	Milbemycin A4	BLQ	BLQ	0.02*	LC-MS/MS	
126	Monocrotophos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
127	Myclobutanil	BLQ	BLQ	0.02*	LC-MS/MS	0.01
128	Novaluron	BLQ	BLQ	0.01*	LC-MS/MS	0.01
129	Omethoate (refer to Dimethoate)	BLQ	BLQ	0.02*	LC-MS/MS	0.01
130	Oxadiazon	BLQ	BLQ	0.05*	LC-MS/MS	0.01
131	Oxycarboxin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
132	Oxydemeton- methyl (sum of oxydemeton methyl and demeton-S-methylsulfone expressed as oxydemeton methyl)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
132.1	Oxydemeton- methyl	BLQ	BLQ	0.01*	LC-MS/MS	0.01
132.2	Demeton-S-methylsulfone	BLQ	BLQ	0.01*	LC-MS/MS	0.01
133	Oxyfluorfen	BLQ	BLQ	0.05*	GC-MS/MS	0.01
134	Paclobutrazol	BLQ	BLQ	0.5	LC-MS/MS	0.01
135	Paraquat	BLQ	BLQ	0.02*	LC-MS/MS	0.02
136	Parathion methyl (sum of Parathion methyl and paraoxon methyl expressed as Parathion methyl)	BLQ	BLQ	0.01*	GC-MS/MS	0.01
136.1	Parathion methyl	BLQ	BLQ	0.01*	GC-MS/MS	
136.2	Paraoxon methyl	BLQ	BLQ	0.01*	GC-MS/MS	

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			
137	Parathion ethyl	BLQ	BLQ	0.05*	GC-MS/MS	0.01
138	Penconazole	BLQ	BLQ	0.05*	LC-MS/MS	0.01
139	Pencycuron	BLQ	BLQ	0.05*	LC-MS/MS	0.01
140	Pendimethalin	BLQ	BLQ	0.05*	LC-MS/MS	0.01
141	Permethrin (sum of isomers)	BLQ	BLQ	0.05*	GC-MS/MS	0.01
141.1	cis-Permethrin	BLQ		0.05*	GC-MS/MS	
141.2	trans-Permethrin	BLQ		0.05*	GC-MS/MS	
142	Phenthoate	BLQ	BLQ	0.01*	LC-MS/MS	0.01
143	Phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	BLQ	BLQ	0.01*	GC-MS/MS or LC-MS/MS	0.01
143.1	Phorate	BLQ	BLQ	0.01*	GC-MS/MS or LC-MS/MS	
143.2	Phorate-sulfone	BLQ	BLQ	0.01*		
143.3	Phorate-sulfoxide	BLQ		0.01*		
144	Phosalone	BLQ	BLQ	0.01*	LC-MS/MS	0.01
145	Phosphamidon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
146	Pirimiphos-methyl	BLQ	BLQ	0.01*	LC-MS/MS	0.01
147	Profenophos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
148	Propamocarb (sum of propamocarb and its salt expressed as propamocarb)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
149	Propanil	BLQ	BLQ	0.01*	GC-MS/MS	0.01
150	Propargite	BLQ	BLQ	0.01*	LC-MS/MS	0.01
151	Propetamphos	BLQ	BLQ	0.01*	GC-MS/MS	0.01
152	Propiconazole	BLQ	BLQ	0.01*	LC-MS/MS	0.01
153	Propoxur	BLQ	BLQ	0.05*	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			
154	Pyraclostrobin	BLQ	BLQ	0.02*	LC-MS/MS	0.01
155	Pyridaben	BLQ	BLQ	0.5	LC-MS/MS	0.01
156	Pyriproxyfen	BLQ	BLQ	0.05*	GC-MS/MS	0.01
157	Quinalphos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
158	Simazine	BLQ	BLQ	0.01*	LC-MS/MS	0.01
159	Spinosad (sum of Spinosyn A+D)	BLQ	BLQ	0.02*	LC-MS/MS	0.01
159.1	Spinosyn A	BLQ		0.02*	LC-MS/MS	
159.2	Spinosyn D	BLQ		0.02*	LC-MS/MS	
160	Spirodiclofen	BLQ	BLQ	0.02*	LC-MS/MS	0.01
161	Spiromesifen	BLQ	BLQ	0.02*	LC-MS/MS	0.01
162	Streptomycin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
163	<i>tau</i> - Fluvalinate	BLQ	BLQ	0.01*	GC-MS/MS	0.01
164	Tebuconazole	BLQ	BLQ	0.02*	LC-MS/MS	0.01
165	Temephos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
166	Tetraconazole	BLQ	BLQ	0.02*	LC-MS/MS	0.01
167	Tetracycline	BLQ	BLQ	0.01*	LC-MS/MS	0.01
168	Thiacloprid	BLQ	BLQ	0.01*	LC-MS/MS	0.01
169	Thiamethoxam (sum of thiamethoxam and clothianidin expressed as thiamethoxam)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
170	Thiobencarb	BLQ	BLQ	0.01*	LC-MS/MS	0.01
171	Thiodicarb (see Methomyl)	BLQ	BLQ	0.01*	LC-MS/MS	0.01
172	Thiometon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
173	Thiophanate-methyl	BLQ	BLQ	0.10*	LC-MS/MS	0.01
174	Transfluthrin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
175	Triadimefon (sum of triadimefon and	BLQ	BLQ	0.1*	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			
	triadimenol)					
175.1	Triadimefon	BLQ	BLQ	0.1*	LC-MS/MS	
175.2	Triadimenol	BLQ	BLQ			
176	Triazophos	BLQ	BLQ	0.01*	LC-MS/MS	0.01
177	Trichlorfon	BLQ	BLQ	0.01*	LC-MS/MS	0.01
178	Tricyclazole	BLQ	BLQ	0.05*	LC-MS/MS	0.01
179	Tridemorph	BLQ	BLQ	0.01*	LC-MS/MS	0.01
180	Trifloxystrobin	BLQ	BLQ	0.01*	LC-MS/MS	0.01
181	Trifluralin	BLQ	BLQ	0.01*	GC-MS/MS	0.01
182	Uracil	BLQ	BLQ	1.00†	LC-MS/MS	1

\* 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 NRC for Grapes.

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

(F) = Fat soluble

(R) = Residue definition includes metabolites/isomers