National Referral Laboratory
ICAR-National Research Centre for Grapes, Manjri farm, Pune 412307

TARGET LIST OF ANALYTES (PT ID: NRL/PT-FV/2022/Okra-1)

Sr.No.	Name of Chemicals/Pesticides	Required LOQ (mg Kg^{-1})
1.	4-bromo-2-chlorophenol	0.01
2.	Abamectin	0.01
3.	Acephate	0.01
4.	Acetamiprid	0.01
5.	Ametoctradin	0.01
6.	Atrazine	0.01
7.	Azoxystrobin	0.01
8.	Benalaxyl	0.01
9.	Benalaxyl-M	0.01
10.	Bendiocarb	0.01
11.	Bifenazate	0.01
12.	Bifenazate diazine	0.01
13.	Bifenthrin	0.01
14.	Bitertanol	0.01
15.	Boscalid	0.01
16.	Buprofezin	0.01
17.	Butachlor	0.01
18.	Carbaryl	0.01
19.	Carbendazim	0.01
20.	Carbofuran	0.002
21.	Carbosulfan	0.002
22.	Benfuracarb	0.002
23.	Furathiocarb	0.002
24.	3-OH carbofuran	0.002
25.	Carboxin	0.01
26.	Chlorantraniliprole	0.01
27.	Chlordane (*cis*)	0.01
28.	Chlordane (*trans*)	0.01
29.	Chlorfenapyr	0.01
30.	Chlorfenvinphos	0.01
31.	Chlorfluazuron	0.01
32.	Chlorothalonil	0.01
33.	Chlorpropham	0.01
34.	Chlorpyrifos	0.01
35.	Chlorpyrifos methyl	0.01
36.	Clothianidin	0.01
37.	Cyantraniliprole	0.01
38.	Cyazofamid	0.01
39.	Cyflumetofen	0.01
40.	Cyfluthrin (including other mixtures of constituent isomers sum of isomers)	0.01
41.	Cymoxanil	0.01
42.	Cypermethrin (including other mixtures of constituent isomers sum of isomers)	0.01

43.	**Dazomet**	**0.01**
44.	**p.p-DDT**	**0.01**
45.	**o,p´-DDT**	**0.01**
46.	**p,p´-DDE**	**0.01**
47.	**p,p´-TDE (DDD)**	**0.01**
48.	**Deltamethrin**	**0.01**
49.	**Diafenthiuron**	**0.01**
50.	**Diazinon**	**0.01**
51.	**Dichlorvos**	**0.01**
52.	**Dicofol (p,p)**	**0.01**
53.	**Dicofol (o, p)**	**0.01**
54.	**Difenoconazole**	**0.01**
55.	**Diflubenzuron**	**0.01**
56.	**Dimethoate**	**0.01**
57.	**Omethoate**	**0.01**
58.	**Dimethomorph**	**0.01**
59.	**Dinotefuran**	**0.01**
60.	**Dithianon**	**0.01**
61.	**Diuron**	**0.01**
62.	**Dodine**	**0.01**
63.	**Edifenphos**	**0.01**
64.	**Emamectin Benzoate**	**0.01**
65.	**Endosulphan *alpha***	**0.01**
66.	**Endosulphan *beta***	**0.01**
67.	**Endosulphan sulphate**	**0.01**
68.	**Endrin**	**0.01**
69.	**Epoxiconazole**	**0.01**
70.	**Ethion**	**0.01**
71.	**Ethiprole**	**0.01**
72.	**Ethofenprox (Etofenprox)**	**0.01**
73.	**Etoxazole**	**0.01**
74.	**Etrimfos**	**0.01**
75.	**Famoxadone**	**0.01**
76.	**Fenamidone**	**0.01**
77.	**Fenarimol**	**0.01**
78.	**Fenazaquin**	**0.01**
79.	**Fenhexamid (F)**	**0.01**
80.	**Fenitrothion**	**0.01**
81.	**Fenobucarb**	**0.01**
82.	**Fenpropathrin**	**0.01**
83.	**Fenpyroximate**	**0.01**
84.	**Fenthion**	**0.01**
85.	**Fenthion sulfoxides**	**0.01**
86.	**Fenthion sulfone**	**0.01**
87.	**Fenvalerate**	**0.01**
88.	**Fipronil**	**0.005**
89.	**Fipronil sulfone (MB46136)**	**0.005**

90.	**Flonicamid**	**0.01**
91.	**Fluazifop-P**	**0.01**
92.	**Fluazifop-P-butyl**	**0.01**
93.	**Flubendiamide**	**0.01**
94.	**Flufenacet**	**0.01**
95.	**Flufenoxuron**	**0.01**
96.	**Flufenzine**	**0.01**
97.	**Fluopicolide**	**0.01**
98.	**Fluopyram**	**0.01**
99.	**Flusilazole**	**0.01**
100.	**Fluxapyroxad**	**0.01**
101.	**alfa-HCH**	**0.01**
102.	**beta-HCH**	**0.01**
103.	**delta-HCH**	**0.01**
104.	**Heptachlor**	**0.01**
105.	**Heptachlor epoxide**	**0.01**
106.	**Hexaconazole**	**0.01**
107.	**Hexythiazox**	**0.01**
108.	**Imidacloprid**	**0.01**
109.	**Indoxacarb (sum of R and S isomers)**	**0.01**
110.	**Iodosulfuron-methyl**	**0.01**
111.	**Iprobenphos**	**0.01**
112.	**Iprodione**	**0.01**
113.	**Iprovalicarb**	**0.01**
114.	**Isoprothiolane**	**0.01**
115.	**Isoproturon**	**0.01**
116.	**Kresoxim methyl**	**0.01**
117.	**Lambda-cyhalothrin**	**0.01**
118.	**Lindane (*gamma*-HCH)**	**0.01**
119.	**Linuron**	**0.01**
120.	**Lufenuron**	**0.01**
121.	**Malathion**	**0.01**
122.	**Malaoxon**	**0.01**
123.	**Mandipropamid**	**0.01**
124.	**Metalaxyl**	**0.01**
125.	**Methamidophos**	**0.01**
126.	**Methomyl**	**0.01**
127.	**Thiodicarb**	**0.01**
128.	**Metolachlor**	**0.01**
129.	**S-metolachlor**	**0.01**
130.	**Metrafenone**	**0.01**
131.	**Metribuzin**	**0.01**
132.	**Milbemectin**	**0.02**
133.	**Monocrotophos**	**0.01**
134.	**Myclobutanil**	**0.01**
135.	**Novaluron**	**0.01**
136.	**Omethoate**	**0.01**

137.	**Oxadiazon**	**0.01**
138.	**Oxycarboxin**	**0.01**
139.	**Oxydemeton methyl**	**0.01**
140.	**Demeton-S-methylsulfone**	**0.01**
141.	**Oxyfluorfen**	**0.01**
142.	**Paclobutrazol**	**0.01**
143.	**Parathion methyl**	**0.01**
144.	**Paraoxon methyl**	**0.01**
145.	**Parathion ethyl**	**0.01**
146.	**Penconazole**	**0.01**
147.	**Pencycuron**	**0.01**
148.	**Pendimethalin**	**0.01**
149.	**Permethrin (sum of isomers)**	**0.01**
150.	**Phenthoate**	**0.01**
151.	**Phorate**	**0.01**
152.	**Phorate sulfoxide**	**0.01**
153.	**Phorate sulfone**	**0.01**
154.	**Phosalone**	**0.01**
155.	**Phosphamidon**	**0.01**
156.	**Picoxystrobin**	**0.01**
157.	**Pirimiphos-methyl**	**0.01**
158.	**Profenophos**	**0.01**
159.	**Propamocarb**	**0.01**
160.	**Propanil**	**0.01**
161.	**Propargite**	**0.01**
162.	**Propetamphos**	**0.01**
163.	**Propiconazole**	**0.01**
164.	**Propoxur**	**0.01**
165.	**Pymetrozine**	**0.01**
166.	**Pyraclostrobin**	**0.01**
167.	**Pyridaben**	**0.01**
168.	**Pyriproxyfen**	**0.01**
169.	**Quinalphos**	**0.01**
170.	**Simazine**	**0.01**
171.	**Spinetoram**	**0.01**
172.	**Spinosyn A**	**0.01**
173.	**Spinosyn D**	**0.01**
174.	**Spirodiclofen**	**0.01**
175.	**Spiromesifen**	**0.01**
176.	**Spirotetramat (only parent spirotetramat)**	**0.01**
177.	**Spirotetramat enol (metabolite of spirotetramat)**	**0.01**
178.	**tau- Fluvalinate**	**0.01**
179.	**Tebuconazole**	**0.01**
180.	**Temephos**	**0.01**
181.	**Tetraconazole**	**0.01**
182.	**Thiabendazole**	**0.01**

183.	**Thiacloprid**	**0.01**
184.	**Thiamethoxam**	**0.01**
185.	**Thiobencarb**	**0.01**
186.	**Thiodicarb**	**0.01**
187.	**Thiometon**	**0.01**
188.	**Thiophanate-methyl**	**0.01**
189.	**Tolfenpyrad**	**0.01**
190.	**Transfluthrin**	**0.01**
191.	**Triadimefon**	**0.01**
192.	**Triadimenol**	**0.01**
193.	**Triazophos**	**0.01**
194.	**Trichlorfon**	**0.01**
195.	**Tricyclazole**	**0.01**
196.	**Tridemorph**	**0.01**
197.	**Trifloxystrobin**	**0.01**
198.	**Trifluralin**	**0.01**

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