

Table S1 Sixty-eight different pesticides content in water dropwort used for LW management

No.	Item	Unit	Standard	Content	Detection threshold	Single conclusion	Test method
1	Methamidophos	mg·kg ⁻¹	≤ 0.05	not detected	0.01	Meet standard	NY/T 761-2008 Method 2, Part 1
2	Parathion	mg·kg ⁻¹	≤ 0.01	not detected	0.008	Meet standard	GB/T 5009.145-2003
3	Methyl parathion	mg·kg ⁻¹	≤ 0.02	not detected	0.02	Meet standard	NY/T 761-2008 Method 2, Part 1
4	Hexachlorocyclohexane	mg·kg ⁻¹	≤ 0.05	not detected	0.0004	Meet standard	NY/T 761-2008 Method 2, Part 2
5	Phorate	mg·kg ⁻¹	≤ 0.01	not detected	0.01	Meet standard	GB 23200.8-2016
6	Omethoate	mg·kg ⁻¹	≤ 0.02	not detected	0.02	Meet standard	NY/T 761-2008 Method 2, Part 1
7	Isocarbophos	mg·kg ⁻¹	≤ 0.05	not detected	0.03	Meet standard	NY/T 761-2008 Method 2, Part 1
8	Sofenphos-methyl	mg·kg ⁻¹	≤ 0.01	not detected	0.004	Meet standard	GB/T 2009.144-2003
9	Carbofuran	mg·kg ⁻¹	≤ 0.02	not detected	0.01	Meet standard	NY/T 761-2008 Part 3
10	Aldicarb	mg·kg ⁻¹	≤ 0.03	not detected	0.009	Meet standard	NY/T 761-2008 Part 3
11	Chlorpyrifos	mg·kg ⁻¹	/	not detected	0.02	/	NY/T 761-2008 Method 2, Part 1
12	Triazophos	mg·kg ⁻¹	/	not detected	0.01	/	NY/T 761-2008 Method 2, Part 1
13	Dimethoate	mg·kg ⁻¹	/	not detected	0.02	/	NY/T 761-2008 Method 2, Part 1
14	Acephate	mg·kg ⁻¹	≤ 1	not detected	0.03	Meet standard	NY/T 761-2008 Method 2, Part 1
15	Lannate	mg·kg ⁻¹	≤ 0.2	not detected	0.01	Meet standard	NY/T 761-2008 Part 3
16	Fenvalerate and S-fenvalerate (Measured as Fenvalerate)	mg·kg ⁻¹	/	not detected	0.002	/	NY/T 761-2008 Method 2, Part 2
17	DDVP	mg·kg ⁻¹	≤ 0.2	not detected	0.01	Meet standard	NY/T 761-2008 Method 2, Part 1
18	Profenofos	mg·kg ⁻¹	/	not detected	0.04	/	NY/T 761-2008 Method 2, Part 1
19	Fenitrothion	mg·kg ⁻¹	≤ 0.5	not detected	0.02	Meet standard	NY/T 761-2008 Method 2, Part 1
20	Diazinon	mg·kg ⁻¹	/	not detected	0.02	/	NY/T 761-2008 Method 2, Part 1
21	Malathion	mg·kg ⁻¹	/	not detected	0.03	/	NY/T 761-2008 Method 2, Part 1
22	Phosemet	mg·kg ⁻¹	/	not detected	0.06	/	NY/T 761-2008 Method 2, Part 1
23	Phosalone	mg·kg ⁻¹	/	not detected	0.05	/	NY/T 761-2008 Method 2, Part 1
24	Phoxim	mg·kg ⁻¹	≤ 0.05	not detected	0.01	Meet standard	GB/T 5009.102-2003
25	Cypermethrin and Efficient cypermethrin	mg·kg ⁻¹	/	not detected	0.003	/	NY/T 761-2008 Method 2, Part 2

	(measured as cypermethrin)						
26	Fenpropathrin	mg·kg ⁻¹	/	not detected	0.002	/	NY/T 761-2008 Method 2, Part 2
27	Cyhalothrin and Efficient cyhalothrin (measured as cyhalothrin)	mg·kg ⁻¹	/	not detected	0.0005	/	NY/T 761-2008 Method 2, Part 2
28	Cyfluthrin and Efficient cyfluthrin (measured as cyfluthrin)	mg·kg ⁻¹	/	not detected	0.002	/	NY/T 761-2008 Method 2, Part 2
29	Deltamethrin	mg·kg ⁻¹	/	not detected	0.001	/	NY/T 761-2008 Method 2, Part 2
30	Bifenthrin	mg·kg ⁻¹	/	not detected	0.0006	/	NY/T 761-2008 Method 2, Part 2
31	Fluvalinate	mg·kg ⁻¹	/	not detected	0.002	/	NY/T 761-2008 Method 2, Part 2
32	Flucythrinate	mg·kg ⁻¹	/	not detected	0.001	/	NY/T 761-2008 Method 2, Part 2
33	Triadimefon	mg·kg ⁻¹	/	not detected	0.025	/	GB/T 23200.8-2016
34	Chlorothalonil	mg·kg ⁻¹	/	not detected	0.0003	/	NY/T 761-2008 Method 2, Part 2
35	Iprodione	mg·kg ⁻¹	/	not detected	0.001	/	NY/T 761-2008 Method 2, Part 2
36	Carbaryl	mg·kg ⁻¹	≤ 1	not detected	0.01	Meet standard	NY/T 761-2008 Part 3
37	Dicofol	mg·kg ⁻¹	/	not detected	0.0008	/	NY/T 761-2008 Method 2, Part 2
38	Procymidone	mg·kg ⁻¹	/	not detected	0.002	/	NY/T 761-2008 Method 2, Part 2
39	Pentachloronitrobenzene	mg·kg ⁻¹	/	not detected	0.00027	/	GB/T 5009.19-2008 Method 1
40	Vinclozolin	mg·kg ⁻¹	/	not detected	0.0001	/	NY/T 761-2008 Method 2, Part 2
41	Carbendazim	mg·kg ⁻¹	/	not detected	0.00012	/	GB/T 20769-2008
42	Imidacloprid	mg·kg ⁻¹	/	not detected	0.0055	/	GB/T 20769-2008
43	Fipronil	mg·kg ⁻¹	≤ 0.02	not detected	0.002	Meet standard	SN/T 1982-2007
44	Acetamiprid	mg·kg ⁻¹	/	not detected	0.01	/	GB/T 23584-2009
45	Pyridaben	mg·kg ⁻¹	/	not detected	0.00304	/	GB/T 20769-2008
46	Difenoconazole	mg·kg ⁻¹	/	not detected	0.075	/	GB 23200.8-2016
47	Pyrimethanil	mg·kg ⁻¹	/	not detected	0.00017	/	GB/T 20769-2008
48	Emamectin Benzoate	mg·kg ⁻¹	/	not detected	0.00008	/	GB/T 20769-2008
49	Dimethomorph	mg·kg ⁻¹	/	not detected	0.00018	/	GB/T 20769-2008
50	Chlorfenapyr	mg·kg ⁻¹	/	not detected	0.025	/	GB 23200.8-2016
51	Prochloraz and Prochloraz-manganese chloride complex	mg·kg ⁻¹	/	not detected	0.005	/	NY/T 1456-2007
52	Azoxystrobin	mg·kg ⁻¹	/	not detected	0.01	/	NY/T 1456-2007
53	Pendimethalin	mg·kg ⁻¹	/	not detected	0.05	/	GB 23200.8-2016

54	Thiamethoxam	mg·kg ⁻¹	/	not detected	0.05	/	GB 23200.8-2016
55	Chlorfluazuron	mg·kg ⁻¹	/	not detected	0.0376	/	GB 23200.8-2016
56	Chlorobenzuron	mg·kg ⁻¹	/	not detected	0.03	/	GB/T 5009.135-2003
57	Cyromazine	mg·kg ⁻¹	/	not detected	0.02	/	NY/T 1725-2009
58	Metalaxyl and metalaxyl-M (Measured as metalaxyl)	mg·kg ⁻¹	/	not detected	0.0376	/	GB 23200.8-2016
59	Propamocarb and propamocarb hydrochloride (Measured as propamocarb)	mg·kg ⁻¹	/	not detected	0.00002	/	GB/T 20769-2008
60	Paclobutrazol	mg·kg ⁻¹	/	not detected	0.00014	/	GB/T 20769-2008
61	Forchlorfenuron	mg·kg ⁻¹	/	not detected	0.0057	/	GB/T 20770-2008
62	Chlorantraniliprole	mg·kg ⁻¹	/	not detected	/	/	GB/T 20769-2008
63	Permethrin	mg·kg ⁻¹	≤ 1	not detected	0.001	Meet standard	NY/T 761-2008 Method 2, Part 2
64	Etofenprox	mg·kg ⁻¹	/	not detected	0.01	/	SN/T 2151-2008
65	Tebufenozide	mg·kg ⁻¹	/	not detected	0.00695	/	GB/T 20769-2008
66	Pyraclostrobin	mg·kg ⁻¹	/	not detected	0.00013	/	GB/T 20769-2008
67	Avermectin	mg·kg ⁻¹	/	not detected	0.01	/	GB 23200.19-2016
68	Diflubenzuron	mg·kg ⁻¹	/	not detected	0.04	/	GB/T 5009.147-2003