

Analityczne Centrum Eksperckie (LB1)  
Centrum Nauk Biologiczno-Chemicznych Uniwersytetu Warszawskiego  
ul. Żwirki i Wigury 101, 02-089 Warszawa

## ZAKRES BADAŃ ANALIZA OWOCÓW, WARZYW I ICH PRZETWORÓW

POZOSTAŁOŚCI PESTYCYDÓW		
BADANE CECHY	TECHNIKA	METODYKA
Lista 1 Pestycydy LC (297 pestycydów)*	HPLC-MS/MS	PN-EN 15662:2018-06 (A)
Lista 2 Pestycydy Kwaśne (23 pestycydy)*		
Lista 5 Pestycydy GC (301 pestycydów)*	GC-MS/MS	
<b>Pakiet pestycydy XL 621 pestycydów:</b> Lista 1 Pestycydy (297 pestycydów)* Lista 2 Pestycydy Kwaśne (23 pestycydy)* Lista 5 Pestycydy (301 pestycydów)*	HPLC-MS/MS GC-MS/MS	
Zawartość ditiokarbaminianów wyrażona jako disiarczkek węgla Zakres: 0,05-8,00 mg/kg	GC-MS	

\* Pełne listy pestycydów znajdują się w załączniku.

PESTYCYDY POLARNE			
BADANE CECHY	ZAKRES (mg/kg)	TECHNIKA	METODYKA
Etefon	0,01 – 10,0	HPLC-MS/MS	QuPPe-PO-Method (A)
Chloromequat	0,01 – 5,0		
Mepiquat	0,01 – 5,0		
Fosetyl-Glinu	0,01 – 10,0		
Kwas fosfonowy	0,01 – 10,0		
Glifosat	0,01 – 10,0		
AMPA	0,05 – 10,0		
Trimethyl-sulfonium cation	0,01 – 5,0		
Glufosynat wraz z matabolitami: Glufosynat MPP N-Acetylo-Glufosynat	0,05 – 5,0 0,01 – 5,0 0,05 – 5,0		
Chlorany, Nadchlorany	0,01 – 10,0		
Bromki nieorganiczne	0,05 – 10,0		
Paraquat	0,01 – 5,0		
Diquat	0,01 – 5,0		

ZAWARTOŚĆ METALI			
BADANE CECHY	ZAKRES (mg/kg)	TECHNIKA	METODYKA
<b>OWOCE</b>			
Cd	0,033 – 0,3	ICP-MS	PN-EN 15763:2010 (A)
Pb	0,033 – 0,3		
As	0,020 – 5,0	ICP-MS	LB1/PB-04 wydanie 4.3 z dnia 01.04.2019 r. (A)
Cd	0,010 – 5,0		
Pb	0,050 – 5,0		
Hg	0,01 – 0,25		
<b>WARZYWA</b>			
Cd	0,01 – 0,5	ICP-MS	PN-EN 15763:2010 (A)
Pb	0,01 – 0,5		
<b>SOKI</b>			
Cd	0,01 – 0,1	ICP-MS	PN-EN 15763:2010 (A)
Pb	0,03 – 0,25		

(A) – metoda akredytowana

## ZAKRES BADAŃ ANALIZA SOKÓW, KONCENTRATÓW OWOCOWYCH I PRZETWORÓW OWOCOWYCH

MIKOTOKSYNY			
BADANE CECHY	ZAKRES (µg/kg)	TECHNIKA	METODYKA
Patulina	10,0 – 250,0	HPLC-MS/MS	LB1/PB-10 wydanie 3 z dnia 11.10.2021 r. (A)

(A) – metoda akredytowana

## ANALIZA ZBÓŻ I PRZETWORÓW ZBOŻOWYCH

POZOSTAŁOŚCI PESTYCYDÓW		
BADANE CECHY	TECHNIKA	METODYKA
Lista 3 Pestycydy LC (278 pestycydów)*	HPLC-MS/MS	PN-EN 15662:2018-06 (A)
Lista 2 Pestycydy Kwaśne (23 pestycydy)*		
Lista 6 Pestycydy GC (301 pestycydów)*	GC-MS/MS	
<b>Pakiet pestycydy XL 602 pestycydów:</b> Lista 1 Pestycydy (278 pestycydów)* Lista 2 Pestycydy Kwaśne (23 pestycydy)* Lista 5 Pestycydy (301 pestycydów)*	HPLC-MS/MS	
	GC-MS/MS	

\* Pełne listy pestycydów znajdują się w załączniku.

PESTYCYDY POLARNE			
BADANE CECHY	ZAKRES (mg/kg)	TECHNIKA	METODYKA
Etefon	0,01 – 10,0	HPLC-MS/MS	QuPPE-PO-Method (A)
Chloromequat	0,01 – 5,0		
Mepiquat	0,01 – 5,0		
Fosetyl-Glinu	0,01 – 10,0		
Kwas fosfonowy	0,01 – 10,0		
Glifosat	0,01 – 10,0		
AMPA	0,05 – 10,0		
Glufosynat wraz z matabolitami:			
Glufosynat	0,05 – 5,0		
MPP	0,01 – 5,0		
N-Acetylo-Glufosynat	0,05 – 5,0		
Chlorany, Nadchlorany	0,01 – 10,0		
Bromki nieorganiczne	0,05 – 10,0		

ZAWARTOŚĆ METALI			
BADANE CECHY	ZAKRES (mg/kg)	TECHNIKA	METODYKA
As	0,1 – 0,6	ICP-MS	PN-EN 15763:2010 (A)
Cd	0,05 – 1,0		
Pb	0,1 – 1,0		

MIKOTOKSYNY			
BADANE CECHY	ZAKRES (µg/kg)	TECHNIKA	METODYKA
Aflatoksyna B1	0,3 – 30,0	LC-MS/MS	LB1/PB-07 wydanie 2 z dnia 02.07.2021 r. (A)
Aflatoksyna B2	0,3 – 30,0		
Aflatoksyna G1	0,3 – 30,0		
Aflatoksyna G2	0,3 – 30,0		
Deoksyniwalenol	100,0 – 5000,0		
Fumonizyna B1	20,0 – 1000,0		
Fumonizyna B2	20,0 – 1000,0		
Ochratoksyna A	0,6 – 30,0		
HT-2 Toksyna	5,0 – 1000,0		
T-2 Toksyna	5,0 – 1000,0		
Zearalenon	50,0 – 2500,0		

**(A)** – metoda akredytowana

## ANALIZA WODY

ZAWARTOŚĆ METALI			
BADANE CECHY	ZAKRES (µg/l)	TECHNIKA	METODYKA
Ag	0,1 - 100	ICP-MS	PN-EN ISO 17294-2:2016-11 (A)
As	0,5 - 1000		
Au	0,5 - 100		
Ba	0,05 - 100		
Be	0,07 - 1000		
Bi	0,2 - 100		
Cd	0,01 - 100		
Co	0,05 - 100		
Cr	0,5 - 100		
Cu	0,2 - 100		
Li	0,1 - 100		
Mn	0,1 - 100		
Mo	0,2 - 100		
Ni	0,5 - 100		
Pb	0,1 - 100		
Pd	0,2 - 100		
Pt	0,02 - 100		
Sb	0,02 - 100		
Se	0,5 - 1000		
Sn	0,1 - 100		
Sr	0,5 - 100		
Te	0,03 - 100		
Tl	0,01 - 100		
U	0,01 - 100		
Zn	1 - 1000		

**(A)** – metoda akredytowana

## ZAKRES BADAŃ ANALIZA PASZ DLA ZWIERZĄT

MIKOTOKSYNY			
BADANE CECHY	ZAKRES (µg/kg)	TECHNIKA	METODYKA
Aflatoksyna B1	0,3 – 400,0	HPLC-MS/MS	LB1/PB-09 wydanie 3 z dnia 11.08.2021 r. (A)
Aflatoksyna B2	0,3 – 400,0		
Aflatoksyna G1	0,3 – 400,0		
Aflatoksyna G2	0,3 – 400,0		
Deoksyniwalenol	500,0 – 15000,0		
Fumonizyna B1	200,0 – 4500,0		
Fumonizyna B2	200,0 – 4500,0		
Ochratoksyna A	6,0 – 800,0		
HT-2 Toksyna	25,0 – 3000,0		
T-2 Toksyna	25,0 – 3000,0		
Zearalenon	50,0 – 5000,0		

(A) – metoda akredytowana

DODATKOWE INFORMACJE	CZAS REALIZACJI (DNI ROBOCZE)
Standardowy czas realizacji wszystkich przedstawionych w ofercie badań od momentu dostarczenia próbki do laboratorium	do 5 dni
Badania ekspresowe: od momentu dostarczenia próbki, próbka dostarczona do godziny 11.00, po wcześniejszym uzgodnieniu z laboratorium	do 24h
Koszt: +50% do ceny początkowej badania	

**Zapraszamy do kontaktu:**

Analityczne Centrum Eksperckie  
 CNBCh UW  
 ul. Żwirki i Wigury 93  
 02-089 Warszawa  
[www.badaniaekspcerckie.pl](http://www.badaniaekspcerckie.pl)

**Kontakt w sprawie ofert:**

Beata Kondraszuk  
 tel.: 531 680 463  
[b.kondraszuk@cnbc.uw.edu](mailto:b.kondraszuk@cnbc.uw.edu)

**Rejestracja materiału do badań:**

tel.: +48 531 680 467  
[rejestracja.ace@cnbc.uw.edu.pl](mailto:rejestracja.ace@cnbc.uw.edu.pl)

## ZAŁĄCZNIK – LISTY OZNACZANYCH PESTYCYDÓW

**Lista 1 Lista oznaczanych pestycydów HPLC-MS/MS (297 pestycydów)**

Lp.	Związek	Zakres (mg/kg)	Lp.	Związek	Zakres (mg/kg)	Lp.	Związek	Zakres (mg/kg)
1	1-Naphthylacetamide	0,005-4,0	35	Butoxycarboxim	0,005-4,0	67	Desmedipham	0,005-4,0
2	2,4,5-T	0,01-4,0	36	Buturon	0,01-4,0	68	Dichlofluanid	0,01-4,0
3	2-Naphthoxyacetic acid	0,01-4,0	37	Cadusafos	0,005-4,0	69	Dicrotophos	0,005-4,0
4	4-Chlorophenoxyacetic acid	0,01-4,0	38	Carbaryl	0,005-4,0	70	Diethofencarb	0,005-4,0
5	Avermectin B1a	0,005-4,0	39	Carbendazim	0,005-4,0	71	Difenoxuron	0,005-4,0
6	Avermectin B1b	0,005-4,0	40	Carbetamide	0,005-4,0	72	Diflubenzuron	0,005-4,0
7	Abamectin (sum of avermectin B1a, avermectin B1b and delta-8,9 isomer of avermectin B1a, expressed as avermectin B1a)		41	Carbofuran	0,001-4,0	73	Diflufenican	0,01-4,0
8	Acephate	0,005-4,0	42	Carbofuran 3-OH	0,005-4,0	74	Dimefox	0,005-4,0
9	Acetachlor	0,01-4,0	43	Carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran)		75	Dimefuron	0,005-4,0
10	Acetamidrid	0,005-4,0	44	Carbosulfan	0,005-4,0	76	Dimethoate	0,005-4,0
11	Acifluorfen	0,005-4,0	45	Chlorantraniliprole	0,01-4,0	77	Dimethomorph	0,005-4,0
12	Aclonifen	0,005-4,0	46	Chlorbromuron	0,005-4,0	78	Diniconazole	0,005-4,0
13	Aldicarb	0,005-4,0	47	Chlorfluazuron	0,005-4,0	79	Dinotefuran	0,005-4,0
14	aldicarb sulfone	0,005-4,0	48	Chloridazon	0,005-4,0	80	Dinoterb	0,01-4,0
15	aldicarb sulfoxide	0,005-4,0	49	Chlorotoluron	0,005-4,0	81	Diphenamid	0,005-4,0
16	Aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)		50	Chloroxuron	0,005-4,0	82	Disulfoton	0,005-4,0
17	Ametoctradin	0,01-4,0	51	Chlorsulfuron	0,005-4,0	83	Disulfoton-sulfone	0,005-4,0
18	Amidosulfuron	0,005-4,0	52	Cinosulfuron	0,005-4,0	84	Disulfoton-sulfoxide	0,005-4,0
19	Aminocarb	0,01-4,0	53	Clethodim	0,005-4,0	85	Disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton)	
20	Amisulbrom	0,005-4,0	54	Clethodim (sum of Sethoxydim and Clethodim including degradation products calculated as Sethoxydim)		86	Dithianon	0,005-4,0
21	Amitraz	0,01-4,0	55	Clofentezine	0,005-4,0	87	Diuron	0,005-4,0
22	Amitraz (amitraz including the metabolites containing the 2,4 -dimethylaniline moiety expressed as amitraz)		56	Clomazone	0,005-4,0	88	DMST	0,01-4,0
23	Azamethiphos	0,005-4,0	57	Clothianidin	0,005-4,0	89	Emamectin benzoate	0,005-4,0
24	Azimsulfuron	0,005-4,0	58	Cyanazine	0,005-4,0	90	Emamectin benzoate B1a, expressed as emamectin	
25	Azinphos-methyl	0,005-4,0	59	Cyazofamid	0,005-4,0	91	Ethidimuron	0,005-4,0
26	Bendiocarb	0,005-4,0	60	Cycloxydim	0,005-4,0	92	Ethiofencarb	0,01-4,0
27	Benfuracarb	0,005-4,0	61	Cyflumetofen	0,005-4,0	93	Ethiofencarb-sulfone	0,005-4,0
28	Benzovindiflupyr	0,005-4,0	62	Cymoxanil	0,005-4,0	94	Ethiofencarb-sulfoxide	0,005-4,0
29	Benzoylprop-ethyl	0,005-4,0	63	Demeton-S-methyl	0,005-4,0	95	Ethiprole	0,005-4,0
30	Benzthiazuron	0,005-4,0	64	Demeton-S-methyl-sulfone	0,005-4,0	96	Ethoxysulfuron	0,005-4,0
31	Bispyribac	0,005-4,0	65	Demeton-S-methyl-sulfoxide	0,005-4,0	97	Ethrimol	0,005-4,0
32	Bixafen	0,005-4,0	66	Demeton-S-methyl-sulfoxide (sum of demeton-S-methyl-sulfoxide and demeton-S-methylsulfone expressed as demeton-S-methyl-sulfoxide)		98	Etofenprox	0,005-4,0
33	Butocarboxim	0,005-4,0				99	Etoazole	0,005-4,0
34	Butocarboxim-sulfoxide	0,005-4,0				100	Famoxadone	0,005-4,0
						101	Famphur	0,005-4,0
						102	Fenamiphos	0,005-4,0
						103	Fenamiphos sulfone	0,005-4,0

Lp.	Związek	Zakres (mg/kg)
104	Fenamiphos sulfoxide	0,005-4,0
105	Fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos)	
106	Fenazaquin	0,005-4,0
107	Fenbuconazole	0,005-4,0
108	Fenchlorazole-ethyl	0,005-4,0
109	Fenfuram	0,005-4,0
110	Fenhexamid	0,01-4,0
111	Fenobucarb	0,005-4,0
112	Fenoprop (2,4,5-TP)	0,01-4,0
113	Fenoxycarb	0,005-4,0
114	Fenpiclonil	0,01-4,0
115	Fenpropidin	0,005-4,0
116	Fenpyrazamine	0,005-4,0
117	Fenpyroximate	0,005-4,0
118	Fenthion	0,005-4,0
119	Fenthion oxon	0,005-4,0
120	Fenthion sulfone	0,005-4,0
121	Fenthion sulfoxide	0,005-4,0
122	Fenthion-oxon-sulfone	0,005-4,0
123	Fenthion-oxon-sulfoxide	0,005-4,0
124	Fenthion (fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent)	
125	Fenuron	0,01-4,0
126	Fipronil	0,005-4,0
127	Fipronil sulfide	0,005-4,0
128	Fipronil sulfone	0,005-4,0
129	Fipronil-desulfanyl	0,005-4,0
130	Fipronil (sum fipronil + sulfone metabolite (MB46136) expressed as fipronil)	
131	Fonicamid	0,01-4,0
132	Fonicamid (sum of fonicamid, TFNA and TFNG expressed as fonicamid)	
133	Fluazifop	0,005-4,0
134	Fluazifop-butyl	0,005-4,0
135	Fluazifop-methyl	0,005-4,0
136	Fluazinam	0,005-4,0
137	Fluazuron	0,01-4,0
138	Fludioxonil	0,005-4,0
139	Fluometuron	0,005-4,0
140	Fluopicolide	0,01-4,0

Lp.	Związek	Zakres (mg/kg)
141	Fluopyram	0,005-4,0
142	Flupyradifurone	0,005-4,0
143	Fluquinconazole	0,005-4,0
144	Flurochloridone	0,005-4,0
145	Flutolanil	0,005-4,0
146	Fluxapyroxad	0,005-4,0
147	Foramsulfuron	0,005-4,0
148	Forchlorfenuron	0,005-4,0
149	Formetanatehydrochloride	0,01-4,0
150	Fosthiazate	0,005-4,0
151	Fuberidazole	0,005-4,0
152	Furalaxyl	0,005-4,0
153	Furathiocarb	0,005-4,0
154	Halosulfuron-methyl	0,005-4,0
155	Hexaflumuron	0,005-4,0
156	Hexythiazox	0,005-4,0
157	Imazalil	0,005-4,0
158	Imazaquin	0,005-4,0
159	Imazethapyr	0,005-4,0
160	Imazosulfuron	0,005-4,0
161	Imidacloprid	0,005-4,0
162	Indoxacarb	0,005-4,0
163	Iodosulfuron-methyl	0,005-4,0
164	Ipconazole	0,005-4,0
165	Iprovalicarb	0,005-4,0
166	Isofenphos-methyl	0,005-4,0
167	Isofenphos-oxon	0,005-4,0
168	Isonoruron	0,005-4,0
169	Isoprothiolane	0,005-4,0
170	Isoproturon	0,005-4,0
171	Isopyrazam	0,01-4,0
172	Isoxaben	0,005-4,0
173	Isoxaflutole	0,005-4,0
174	Linuron	0,005-4,0
175	Mandipropamid	0,005-4,0
176	Mepanipyrim	0,005-4,0
177	Meptyldinocap	0,01-4,0
178	Metaflumizone	0,005-4,0
179	Metazachlor	0,005-4,0
180	Methabenzthiazuron	0,005-4,0
181	Methidathion	0,005-4,0
182	Methiocarb	0,005-4,0

Lp.	Związek	Zakres (mg/kg)
183	Methiocarb-sulfone	0,005-4,0
184	Methiocarb-sulfoxide	0,01-4,0
185	Methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	
186	Methomyl	0,005-4,0
187	Methoxyfenozide	0,005-4,0
188	Metobromuron	0,005-4,0
189	Metolcarb	0,01-4,0
190	Metoxuron	0,005-4,0
191	Metribuzin	0,005-4,0
192	Milbemectin A3	0,005-4,0
193	Milbemectin A4	0,005-4,0
194	Milbemectin (sum of milbemycin A4 and milbemycin A3, expressed as milbemectin)	
195	Monocrotophos	0,005-4,0
196	Monolinuron	0,005-4,0
197	Monuron	0,005-4,0
198	N-(2,4-Dimethylphenyl)formamide	0,01-4,0
199	N-2,4-Dimethylphenyl-N'-methylformamidine HCl	0,005-4,0
200	Napropamide	0,005-4,0
201	Neburon	0,005-4,0
202	Nitenpyram	0,005-4,0
203	Norflurazon	0,005-4,0
204	Novaluron	0,01-4,0
205	Omethoate	0,005-4,0
206	Oxadixyl	0,005-4,0
207	Oxamyl	0,005-4,0
208	Oxamyl-oxime	0,005-4,0
209	Oxasulfuron	0,005-4,0
210	Oxycarboxine	0,005-4,0
211	Penconazole	0,005-4,0
212	Pencycuron	0,005-4,0
213	Pendimethalin	0,01-4,0
214	Penflufen	0,005-4,0
215	Penoxsulam	0,005-4,0
216	Penthiopyrad	0,005-4,0
217	Phenthoate	0,005-4,0
218	Phorate-sulfone	0,005-4,0
219	Phorate-sulfoxide	0,005-4,0
220	Phosmet	0,005-4,0
221	Phoxim	0,01-4,0



Lp.	Związek	Zakres (mg/kg)
222	Picaridin	0,005-4,0
223	Picolinafen	0,005-4,0
224	Pinoxaden	0,005-4,0
225	Pirimicarb	0,005-4,0
226	Pirimicarb-desmethyl	0,005-4,0
227	Primisulfuron-methyl	0,005-4,0
228	Prochloraz	0,005-4,0
229	Prochloraz desimidazole-amino BTS44595	0,005-4,0
230	Prochloraz Metabolite BTS44596	0,005-4,0
231	Prochloraz (sum of prochloraz, BTS 44595 (M201-04) and BTS 44596 (M201-03), expressed as prochloraz)	
232	Promecarb	0,005-4,0
233	Propamocarb	0,005-4,0
234	Propaquizafop	0,005-4,0
235	Propargite	0,005-4,0
236	Propoxur	0,005-4,0
237	Propoxycarbazone-Na	0,005-4,0
238	Proquinazid	0,01-4,0
239	Prosulfocarb	0,005-4,0
240	Prosulfuron	0,005-4,0
241	Pyraclostrobin	0,005-4,0
242	Pyrazophos	0,005-4,0
243	Pyrazosulfuron-ethyl	0,005-4,0
244	Pyrethrins	0,005-4,0
245	Pyroxulam	0,005-4,0
246	Quizalofop	0,01-4,0
247	Rimsulfuron	0,005-4,0

Lp.	Związek	Zakres (mg/kg)
248	Rotenone	0,005-4,0
249	Sethoxydim	0,01-4,0
250	Siduron	0,005-4,0
251	Simazine	0,005-4,0
252	Spinetoram	0,005-4,0
253	Spinosyn A	0,005-4,0
254	Spinosyn D	0,005-4,0
255	Spinosad (spinosad, sum of spinosyn A and spinosyn D)	
256	Spiromesifen	0,01-4,0
257	Spirotetramat	0,005-4,0
258	Spirotetramat-enol	0,005-4,0
259	Spirotetramat-enol-glucoside	0,005-4,0
260	Spirotetramat-keto-hydroxy	0,005-4,0
261	Spirotetramat-mono-hydroxy	0,005-4,0
262	Spirotetramat and its 4 metabolites BYI08330-enol, BYI08330-ketohydroxy, BYI08330-mono-hydroxy, and BYI08330 enol-glucoside, expressed as spirotetramat	
263	Spiroxamine	0,005-4,0
264	Sulfoxaflor	0,005-4,0
265	Tebufenozide	0,005-4,0
266	Tebuthiuron	0,01-4,0
267	Tembotrione	0,005-4,0
268	Tepraloxymid	0,005-4,0
269	Terbutylazine	0,005-4,0
270	TFNA	0,005-4,0
271	TFNG	0,005-4,0

Lp.	Związek	Zakres (mg/kg)
272	Thiacloprid	0,005-4,0
273	Thiamethoxam	0,005-4,0
274	Thiazafurion	0,01-4,0
275	Thidiazuron	0,005-4,0
276	Thifensulfuron-methyl	0,005-4,0
277	Thiobencarb	0,005-4,0
278	Thiodicarb	0,005-4,0
279	Thiofanox	0,005-4,0
280	Thiofanox-sulfone	0,01-4,0
281	Thiofanox-sulfoxide	0,005-4,0
282	Thiophanate-methyl	0,005-4,0
283	Tolfenpyrad	0,005-4,0
284	Tralkoxydim	0,005-4,0
285	Tribenuron-methyl	0,01-4,0
286	Trichlorfon	0,005-4,0
287	Triclopyr	0,005-4,0
288	Tricyclazole	0,005-4,0
289	Tridemorph	0,01-4,0
290	Trifloxysulfuron	0,005-4,0
291	Triflumizole	0,005-4,0
292	Triflumuron	0,01-4,0
293	Triflusulfuron-methyl	0,005-4,0
294	Triforine	0,01-4,0
295	Valifenalate	0,005-4,0
296	Vamidotion	0,005-4,0
297	Zoxamide	0,005-4,0

## Lista 2 Lista oznaczanych pestycydów kwaśnych HPLC-MS/MS (23 pestycydy)

Lp.	Związek	Zakres (mg/kg)
1	2,4-D	0,01-4,0
2	2,4-DB	0,01-4,0
3	Bensulfuron-methyl	0,01-4,0
4	Bentazon	0,01-4,0
5	Bromacil	0,01-4,0
6	Bromoxynil	0,01-4,0
7	Dichlorprop-P	0,01-4,0
8	Fluroxypyr-1-meptyl	0,01-4,0
9	Haloxypop	0,01-4,0

Lp.	Związek	Zakres (mg/kg)
10	Haloxypop-2-ethoxyethyl	0,01-4,0
11	Haloxypop-methyl	0,01-4,0
12	Imazamox	0,01-4,0
13	ioxynil	0,01-4,0
14	MCPA	0,01-4,0
15	MCPB	0,01-4,0
16	MCPA and MCPB (MCPA, MCPB including their salts, esters and conjugates expressed as MCPA)	

Lp.	Związek	Zakres (mg/kg)
17	Mecoprop	0,01-4,0
18	Metosulam	0,01-4,0
19	Metsulfuron-methyl	0,01-4,0
20	Nicosulfuron	0,01-4,0
21	Propyzamide	0,01-4,0
22	Teflubenzuron	0,01-4,0
23	Triasulfuron	0,01-4,0

### Lista 3 Lista oznaczanych pestycydów HPLC-MS/MS (278 pestycydów)

Lp.	Związek	Zakres (mg/kg)
1	1-Naphthylacetamide	0,01-4,0
2	2,4,5-T	0,01-4,0
3	2-Naphthoxyacetic acid	0,01-4,0
4	4-Chlorophenoxyacetic acid	0,01-4,0
5	Acephate	0,01-4,0
6	Acetachlor	0,01-4,0
7	Acetamidrid	0,01-4,0
8	Acifluorfen	0,01-4,0
9	Aclonifen	0,01-4,0
10	Aldicarb	0,01-4,0
11	Aldicarb sulfone	0,01-4,0
12	Aldicarb sulfoxide	0,01-4,0
13	Aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)	
14	Ametoctradin	0,01-4,0
15	Amitraz	0,01-4,0
16	Avermectin B1a	0,01-4,0
17	Avermectin B1b	0,01-4,0
18	Abamectin (sum of avermectin B1a, avermectin B1b and delta-8,9 isomer of avermectin B1a, expressed as avermectin B1a)	
19	Amidosulfuron	0,01-4,0
20	Aminocarb	0,01-4,0
21	Azamethiphos	0,01-4,0
22	Azimsulfuron	0,01-4,0
23	Azinphos-methyl	0,01-4,0
24	Bendiocarb	0,01-4,0
25	Benfuracarb	0,01-4,0
26	Benzovindiflupyr	0,01-4,0
27	Benzoylprop-ethyl	0,01-4,0
28	Benzthiazuron	0,01-4,0
29	Bispyribac	0,01-4,0
30	Bixafen	0,01-4,0
31	Butocarboxim	0,01-4,0
32	Butocarboxim-sulfoxide	0,01-4,0
33	Butoxycarboxim	0,01-4,0
34	Buturon	0,01-4,0
35	Cadusafos	0,01-4,0
36	Carbaryl	0,01-4,0
37	Carbendazim	0,01-4,0

Lp.	Związek	Zakres (mg/kg)
38	Carbetamide	0,01-4,0
39	Carbofuran	0,01-4,0
40	Carbofuran 3-OH	0,01-4,0
41	Carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran)	
42	Carbosulfan	0,01-4,0
43	Chlorantraniliprole	0,01-4,0
44	Chlorbromuron	0,01-4,0
45	Chlorfluazuron	0,01-4,0
46	Chloridazon	0,01-4,0
47	Chlorotoluron	0,01-4,0
48	Chloroxuron	0,01-4,0
49	Chlorsulfuron	0,01-4,0
50	Cinosulfuron	0,01-4,0
51	Clethodim	0,01-4,0
52	Clofentezine	0,01-4,0
53	Clomazone	0,01-4,0
54	Clothianidin	0,01-4,0
55	Cyanazine	0,01-4,0
56	Cyazofamid	0,01-4,0
57	Cyflumetofen	0,01-4,0
58	Cymoxanil	0,01-4,0
59	Demeton-S-methyl	0,01-4,0
60	Demeton-S-methyl-sulfone	0,01-4,0
61	Demeton-S-methyl-sulfoxide	0,01-4,0
62	Demeton-S-methyl-sulfoxide (sum of demeton-S-methyl-sulfoxide and demeton-S-methylsulfone expressed as demeton-S-methyl-sulfoxide)	
63	Desmedipham	0,01-4,0
64	Dichlofluanid	0,01-4,0
65	Dicrotophos	0,01-4,0
66	Diethofencarb	0,01-4,0
67	Difenoxuron	0,01-4,0
68	Diflufenican	0,01-4,0
69	Dimefox	0,01-4,0
70	Dimefuron	0,01-4,0
71	Dimethoate	0,01-4,0
72	Dimethomorph	0,01-4,0

Lp.	Związek	Zakres (mg/kg)
73	Diniconazole	0,01-4,0
74	Dinotefuran	0,01-4,0
75	Diphenamid	0,01-4,0
76	Disulfoton	0,01-4,0
77	Disulfoton-sulfone	0,01-4,0
78	Disulfoton-sulfoxide	0,01-4,0
79	Disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton)	
80	Dithianon	0,01-4,0
81	Diuron	0,01-4,0
82	DMST	0,01-4,0
83	Emamectin benzoate	0,01-4,0
84	Emamectin benzoate B1a, expressed as emamectin	
85	Ethidimuron	0,01-4,0
86	Ethiofencarb	0,01-4,0
87	Ethiofencarb-sulfone	0,01-4,0
88	Ethiofencarb-sulfoxide	0,01-4,0
89	Ethiprole	0,01-4,0
90	Ethoxysulfuron	0,01-4,0
91	Ethrimol	0,01-4,0
92	Etozazole	0,01-4,0
93	Famoxadone	0,01-4,0
94	Famphur	0,01-4,0
95	Fenamiphos	0,01-4,0
96	Fenamiphos sulfone	0,01-4,0
97	Fenamiphos sulfoxide	0,01-4,0
98	Fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos)	
99	Fenbuconazole	0,01-4,0
100	Fenchlorazole-ethyl	0,01-4,0
101	Fenfuram	0,01-4,0
102	Fenhexamid	0,01-4,0
103	Fenobucarb	0,01-4,0
104	Fenoprop (2,4,5-TP)	0,01-4,0
105	Fenoxycarb	0,01-4,0
106	Fenpiclonil	0,01-4,0
107	Fenpropidin	0,01-4,0
108	Fenpyroximate	0,01-4,0
109	Fenthion	0,01-4,0

Lp.	Związek	Zakres (mg/kg)
110	Fenthion oxon	0,01-4,0
111	Fenthion sulfone	0,01-4,0
112	Fenthion sulfoxide	0,01-4,0
113	Fenthion-oxon-sulfone	0,01-4,0
114	Fenthion-oxon-sulfoxide	0,01-4,0
115	Fenthion (fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent)	
116	Fenuron	0,01-4,0
117	Fipronil	0,01-4,0
118	Fipronil sulfide	0,01-4,0
119	Fipronil sulfone	0,01-4,0
120	Fipronil-desulfinyl	0,01-4,0
121	Fipronil (sum fipronil + sulfone metabolite (MB46136) expressed as fipronil)	
122	Fonicamid	0,01-4,0
123	Fonicamid (sum of fonicamid, TFNA and TFNG expressed as fonicamid)	
124	Fluazifop	0,01-4,0
125	Fluazifop-methyl	0,01-4,0
126	Fludioxonil	0,01-4,0
127	Fluometuron	0,01-4,0
128	Fluopicolide	0,01-4,0
129	Fluopyram	0,01-4,0
130	Flupyradifurone	0,01-4,0
131	Fluquinconazole	0,01-4,0
132	Flurochloridone	0,01-4,0
133	Flutolanil	0,01-4,0
134	Fluxapyroxad	0,01-4,0
135	Foramsulfuron	0,01-4,0
136	Forchlorfenuron	0,01-4,0
137	Formetanatehydrochloride	0,01-4,0
138	Fosthiazate	0,01-4,0
139	Fuberidazole	0,01-4,0
140	Furalaxyl	0,01-4,0
141	Furathiocarb	0,01-4,0
142	Halosulfuron-methyl	0,01-4,0
143	Imazailil	0,01-4,0
144	Imazaquin	0,01-4,0
145	Imazethapyr	0,01-4,0
146	Imazosulfuron	0,01-4,0
147	Imibenconazole	0,01-4,0

Lp.	Związek	Zakres (mg/kg)
148	Imidacloprid	0,01-4,0
149	Indoxacarb	0,01-4,0
150	Iodosulfuron-methyl	0,01-4,0
151	Ipconazole	0,01-4,0
152	Iprovalicarb	0,01-4,0
153	Isocarbophos	0,01-4,0
154	Isofenphos-methyl	0,01-4,0
155	Isofenphos-oxon	0,01-4,0
156	Isonoruron	0,01-4,0
157	Isoprothiolane	0,01-4,0
158	Isoproturon	0,01-4,0
159	Isoxaben	0,01-4,0
160	Isoxaflutole	0,01-4,0
161	Linuron	0,01-4,0
162	Mandipropamid	0,01-4,0
163	Mepanipyrim	0,01-4,0
164	Meptyldinocap	0,01-4,0
165	Metaflumizone	0,01-4,0
166	Metamitron	0,01-4,0
167	Metazachlor	0,01-4,0
168	Methabenzthiazuron	0,01-4,0
169	Methidathion	0,01-4,0
170	Methiocarb	0,01-4,0
171	Methiocarb-sulfone	0,01-4,0
172	Methiocarb-sulfoxide	0,01-4,0
173	Methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	
174	Methomyl	0,01-4,0
175	Methoxyfenozide	0,01-4,0
176	Metobromuron	0,01-4,0
177	Metolcarb	0,01-4,0
178	Metoxuron	0,01-4,0
179	Metribuzin	0,01-4,0
180	Monocrotophos	0,01-4,0
181	Monolinuron	0,01-4,0
182	Monuron	0,01-4,0
183	N-(2,4-Dimethylphenyl)formamide	0,01-4,0
184	N-2,4-Dimethylphenyl-N'-methylformamidine HCl	0,01-4,0
185	Napropamide	0,01-4,0
186	Neburon	0,01-4,0
187	Nitenpyram	0,01-4,0

Lp.	Związek	Zakres (mg/kg)
188	Norflurazon	0,01-4,0
189	Omethoate	0,01-4,0
190	Oxadixyl	0,01-4,0
191	Oxamyl	0,01-4,0
192	Oxamyl-oxime	0,01-4,0
193	Oxasulfuron	0,01-4,0
194	Oxycarboxine	0,01-4,0
195	Penconazole	0,01-4,0
196	Pencycuron	0,01-4,0
197	Pendimethalin	0,01-4,0
198	Penflufen	0,01-4,0
199	Penoxsulam	0,01-4,0
200	Penthiopyrad	0,01-4,0
201	Phenthoate	0,01-4,0
202	Phorate-sulfone	0,01-4,0
203	Phorate-sulfoxide	0,01-4,0
204	Phosmet	0,01-4,0
205	Phoxim	0,01-4,0
206	Picardidin	0,01-4,0
207	Picolinafen	0,01-4,0
208	Pinoxaden	0,01-4,0
209	Pirimicarb	0,01-4,0
210	Pirimicarb-desmethyl	0,01-4,0
211	Primisulfuron-methyl	0,01-4,0
212	Prochloraz	0,01-4,0
213	Prochloraz desimidazole-amino BTS44595	0,01-4,0
214	Prochloraz Metabolite BTS44596	0,01-4,0
215	Prochloraz (sum of prochloraz, BTS 44595 (M201-04) and BTS 44596 (M201-03), expressed as prochloraz)	
216	Promecarb	0,01-4,0
217	Propamocarb	0,01-4,0
218	Propaquizafop	0,01-4,0
219	Propoxur	0,01-4,0
220	Propoxycarbazone-Na	0,01-4,0
221	Prosulfocarb	0,01-4,0
222	Prosulfuron	0,01-4,0
223	Proquinazid	0,01-4,0
224	Pyraclostrobin	0,01-4,0
225	Pyrazosulfuron-ethyl	0,01-4,0
226	Pyrethrins	0,01-4,0
227	Pyroxsulam	0,01-4,0

Lp.	Związek	Zakres (mg/kg)
228	Quizalofop	0,01-4,0
229	Rimsulfuron	0,01-4,0
230	Rotenone	0,01-4,0
231	Siduron	0,01-4,0
232	Simazine	0,01-4,0
233	Spinetoram	0,01-4,0
234	Spinosyn A	0,01-4,0
235	Spinosyn D	0,01-4,0
236	Spinosad (spinosad, sum of spinosyn A and spinosyn D)	
237	Spirodiclofen	0,01-4,0
238	Spirotetramat	0,01-4,0
239	Spirotetramat-enol	0,01-4,0
240	Spirotetramat-enol-glucoside	0,01-4,0
241	Spirotetramat-keto-hydroxy	0,01-4,0
242	Spirotetramat-mono-hydroxy	0,01-4,0
243	Spirotetramat and its 4 metabolites BY108330-enol, BY108330-ketohydroxy, BY108330-mono-hydroxy, and	

Lp.	Związek	Zakres (mg/kg)
	BY108330 enol-glucoside, expressed as spirotetramat	
244	Spiroxamine	0,01-4,0
245	Sulfoxaflor	0,01-4,0
246	Tebufenozide	0,01-4,0
247	Tebuthiuron	0,01-4,0
248	Tepraloxymid	0,01-4,0
249	Terbutylazine	0,01-4,0
250	TFNA	0,01-4,0
251	TFNG	0,01-4,0
252	Thiabendazole	0,01-4,0
253	Thiacloprid	0,01-4,0
254	Thiamethoxam	0,01-4,0
255	Thiazafluron	0,01-4,0
256	Thidiazuron	0,01-4,0
257	Thifensulfuron-methyl	0,01-4,0
258	Thiobencarb	0,01-4,0
259	Thiodicarb	0,01-4,0
260	Thiofanox	0,01-4,0

Lp.	Związek	Zakres (mg/kg)
261	Thiofanox-sulfone	0,01-4,0
262	Thiofanox-sulfoxide	0,01-4,0
263	Thiophanate-methyl	0,01-4,0
264	Tolfenpyrad	0,01-4,0
265	Tralkoxydim	0,01-4,0
266	Tribenuron-methyl	0,01-4,0
267	Trichlorfon	0,01-4,0
268	Triclopyr	0,01-4,0
269	Tricyclazole	0,01-4,0
270	Tridemorph	0,01-4,0
271	Trifloxysulfuron	0,01-4,0
272	Triflumizole	0,01-4,0
273	Triflumuron	0,01-4,0
274	Triflusulfuron-methyl	0,01-4,0
275	Triforine	0,01-4,0
276	Valifenalate	0,01-4,0
277	Vamidotion	0,01-4,0
278	Zoxamide	0,01-4,0

### Lista 5 Lista oznaczanych pestycydów GC-MS/MS (301 pestycydów)

Lp.	Związek	Zakres (mg/kg)
1	1-Naphthyl acetamide	0,005-5,0
2	2,3,5,6-Tetrachloroaniline	0,005-5,0
3	2,4,5-T methyl ester	0,005-5,0
4	3,4,5-T rimethacarb	0,005-5,0
5	4-bromo-2-chlorophenol	0,005-5,0
6	Acibenzolar-S-methyl	0,005-5,0
7	Acrinathrin	0,005-5,0
8	Alachlor	0,005-5,0
9	Aldrin	0,005-5,0
10	Allethrin	0,005-5,0
11	Ametryn	0,005-5,0
12	Anthraquinone	0,005-5,0
13	Atrazine	0,005-5,0
14	Azaconazole	0,005-5,0
15	Azinphos-ethyl	0,005-5,0
16	Azoxystrobin	0,005-5,0
17	Beflubutamid	0,005-5,0
18	Benalaxyl	0,005-5,0
19	Benfluralin	0,005-5,0
20	Benfuresate	0,005-5,0
21	Benoxacor	0,005-5,0
22	Bifenthrin	0,005-5,0
23	Biphenyl	0,005-5,0
24	Bitertanol	0,005-5,0
25	Boscalid	0,005-5,0
26	Bromfeninfos-ethyl	0,005-5,0
27	Bromocyclen	0,005-5,0
28	Bromophos	0,005-5,0
29	Bromophos-ethyl	0,005-5,0
30	Bromopropylate	0,005-5,0
31	Bromuconazole	0,005-5,0
32	Bupirimate	0,005-5,0
33	Buprofezin	0,005-5,0
34	Butachlor	0,005-5,0
35	Butafenacil	0,005-5,0
36	Butralin	0,005-5,0
37	Butylate	0,005-5,0
38	Captan	0,005-5,0
39	Captan (Sum of captan and THPI, expressed as captan)	

Lp.	Związek	Zakres (mg/kg)
40	Carbophenothion	0,005-5,0
41	Carboxin	0,005-5,0
42	Chinomethionate	0,005-5,0
43	Chlorbenside	0,005-5,0
44	Chlordane	0,005-5,0
45	Chlordane-oxy	0,005-5,0
46	Chlordecone	0,005-5,0
47	Chlordimeform	0,005-5,0
48	Chlorfenapyr	0,005-5,0
49	Chlorfenprop-methyl	0,005-5,0
50	Chlorfenson	0,005-5,0
51	Chlorfenvinphos	0,005-5,0
52	Chlormephos	0,005-5,0
53	Chlorobenzilate	0,005-5,0
54	Chloroneb	0,005-5,0
55	Chloroprylate	0,005-5,0
56	Chlorpropham	0,005-5,0
57	Chlorpyrifos	0,005-5,0
58	Chlorpyrifos-methyl	0,005-5,0
59	Chlorthion	0,005-5,0
60	Chlorthiophos	0,005-5,0
61	Chlozolate	0,005-5,0
62	Cinidon-ethyl	0,005-5,0
63	Clodinafop-propargyl	0,005-5,0
64	Clomeprop	0,005-5,0
65	Cloquintocet-mexyl	0,005-5,0
66	Coumaphos	0,005-5,0
67	Crimidine	0,005-5,0
68	Crufomate	0,005-5,0
69	Cyanofenphos	0,005-5,0
70	Cyanophos	0,005-5,0
71	Cyflufenamid	0,005-5,0
72	Cyfluthrin	0,005-5,0
73	Cyhalofop-butyl	0,005-5,0
74	Cyhalothrin-lambda	0,005-5,0
75	Cypermethrin	0,005-5,0
76	Cyphenothrin	0,005-5,0
77	Cyproconazole	0,005-5,0
78	Cyprodinil	0,005-5,0
79	Dazomet	0,005-5,0

Lp.	Związek	Zakres (mg/kg)
80	DDD-o,p	0,005-5,0
81	DDD-p,p	0,005-5,0
82	DDE-o,p	0,005-5,0
83	DDE-p,p	0,005-5,0
84	DDT-o,p	0,005-5,0
85	DDT-p,p	0,005-5,0
86	DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	
87	Deltamethrin	0,005-5,0
88	Desmetryn	0,005-5,0
89	Dialifos	0,005-5,0
90	Diallate	0,005-5,0
91	Diazinon	0,005-5,0
92	Dibromobenzophenone-4,4	0,005-5,0
93	Dichlobenil	0,005-5,0
94	Dichlofenthion	0,005-5,0
95	Dichlormid	0,005-5,0
96	Dichlorobenzamide-2,6	0,005-5,0
97	Dichlorobenzophenone-4,4	0,005-5,0
98	Dichlorvos	0,005-5,0
99	Diclobutrazol	0,005-5,0
100	Dicloran	0,005-5,0
101	Dicofol	0,005-5,0
102	Dieldrin	0,005-5,0
103	Difenoconazole	0,005-5,0
104	Dimethachlor	0,005-5,0
105	Dimethenamid	0,005-5,0
106	Dimethipin	0,005-5,0
107	Dimetilan	0,005-5,0
108	Dimoxystrobin	0,005-5,0
109	Dinitramine	0,005-5,0
110	Dinoseb	0,005-5,0
111	Dioxacarb	0,005-5,0
112	Dioxathion	0,005-5,0
113	Diphenylamine	0,005-5,0
114	Ditalimfos	0,005-5,0
115	Dodemorph	0,005-5,0
116	Edifenphos	0,005-5,0
117	Endosulfan alpha	0,005-5,0

Lp.	Związek	Zakres (mg/kg)
118	Endosulfan beta	0,005-5,0
119	Endosulfan sulfate	0,005-5,0
120	Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan) (F)	
121	Endrin	0,005-5,0
122	Endrin ketone	0,005-5,0
123	EPN	0,005-5,0
124	Epoxiconazole	0,005-5,0
125	EPTC	0,005-5,0
126	Etaconazole	0,005-5,0
127	Ethalfuralin	0,005-5,0
128	Ethiolate	0,005-5,0
129	Ethion	0,005-5,0
130	Ethofumesate	0,005-5,0
131	Ethoprophos	0,005-5,0
132	Ethoxyquin	0,005-5,0
133	Ethychlozate	0,005-5,0
134	Etridiazole	0,005-5,0
135	Etrimfos	0,005-5,0
136	Fenamidone	0,005-5,0
137	Fenarimol	0,005-5,0
138	Fenchlorphos oxon	0,005-5,0
139	Fenfluthrin	0,005-5,0
140	Fenitrothion	0,005-5,0
141	Fenpropathrin	0,005-5,0
142	Fenpropimorph	0,005-5,0
143	Fenson	0,005-5,0
144	Fenvalerate	0,005-5,0
145	Flamprop-isopropyl	0,005-5,0
146	Flamprop-methyl	0,005-5,0
147	Fluchloralin	0,005-5,0
148	Flucythrinate	0,005-5,0
149	Flumetralin	0,005-5,0
150	Fluorodifen	0,005-5,0
151	Fluotrimazole	0,005-5,0
152	Flurenol-butyl	0,005-5,0
153	Flurprimidol	0,005-5,0
154	Flusilazole	0,005-5,0
155	Flutriafol	0,005-5,0
156	Fluvalinate-tau	0,005-5,0
157	Folpet	0,005-5,0

Lp.	Związek	Zakres (mg/kg)
158	Folpet (sum of folpet and phthalimide, expressed as folpet)	
159	Fonofos	0,005-5,0
160	Formothion	0,005-5,0
161	Furametpyr	0,005-5,0
162	Halfenprox	0,005-5,0
163	HCH-alpha	0,005-5,0
164	HCH-beta	0,005-5,0
165	HCH-delta	0,005-5,0
166	HCH-epsilon	0,005-5,0
167	HCH-gamma	0,005-5,0
168	Heptachlor	0,005-5,0
169	Heptachlor cis (exo-epoxide)	0,005-5,0
170	Heptachlor trans (endo-epoxide)	0,005-5,0
171	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	
172	Heptenophos	0,005-5,0
173	Hexachlorobenzene	0,005-5,0
174	Hexaconazole	0,005-5,0
175	Hexazinone	0,005-5,0
176	Iodofenphos	0,005-5,0
177	Ioxynil octanoate	0,005-5,0
178	Iprobenfos	0,005-5,0
179	Iprodione	0,005-5,0
180	Isazofos (Miral, Isazophos)	0,005-5,0
181	Isocarbofos	0,005-5,0
182	Isodrin	0,005-5,0
183	Isofenphos	0,005-5,0
184	Isoprocarb	0,005-5,0
185	Isopropalin	0,005-5,0
186	Isoxadifen-ethyl	0,005-5,0
187	Kresoxim-methyl	0,005-5,0
188	Lenacil	0,005-5,0
189	Leptophos	0,005-5,0
190	Malaoxon	0,005-5,0
191	Malathion	0,005-5,0
192	Mecarbam	0,005-5,0
193	Mepanipyrim-2-hydroxypropyl	0,005-5,0
194	Mepronil	0,005-5,0
195	Metalaxyl	0,005-5,0
196	Metconazole	0,005-5,0

Lp.	Związek	Zakres (mg/kg)
197	Methamidophos	0,005-5,0
198	Methoprotryne	0,005-5,0
199	Methoxychlor	0,005-5,0
200	Metolachlor	0,005-5,0
201	Mevinphos	0,005-5,0
202	Mirex	0,005-5,0
203	Molinate	0,005-5,0
204	Monalide	0,005-5,0
205	Myclobutanil	0,005-5,0
206	Nitralin	0,005-5,0
207	Nitrapyrin	0,005-5,0
208	Nitrofen	0,005-5,0
209	Nitrothal-isopropyl	0,005-5,0
210	Nuarimol	0,005-5,0
211	Octachlorodipropyl ether (S421)	0,005-5,0
212	Ofurace	0,005-5,0
213	Oxadiazon	0,005-5,0
214	Oxyfluorfen	0,005-5,0
215	Paclobutrazole	0,005-5,0
216	Parathion	0,005-5,0
217	Parathion-methyl	0,005-5,0
218	Pebulate	0,005-5,0
219	Pentachloroaniline	0,005-5,0
220	Pentachloroanisole	0,005-5,0
221	Pentachlorobenzene	0,005-5,0
222	Pentachlorophenol	0,005-5,0
223	Pentanochlor (Solana, CMMP)	0,005-5,0
224	Permethrin	0,005-5,0
225	Perthane	0,005-5,0
226	Phenkapton	0,005-5,0
227	Phenothrin	0,005-5,0
228	Phenylphenol-2	0,005-5,0
229	Phorate	0,005-5,0
230	Phorate oxon	0,005-5,0
231	Phorate oxon sulfone	0,005-5,0
232	Phosalone	0,005-5,0
233	Phosmet oxon	0,005-5,0
234	Phthalimide	0,005-5,0
235	Picoxystrobin	0,005-5,0
236	Piperonyl butoxide	0,005-5,0
237	Pirimiphos-ethyl	0,005-5,0
238	Pirimiphos-methyl	0,005-5,0

Lp.	Związek	Zakres (mg/kg)
239	Pirimiphos-methyl-N-desethyl	0,005-5,0
240	Procymidone	0,005-5,0
241	Profenofos	0,005-5,0
242	Profluralin	0,005-5,0
243	Prometon	0,005-5,0
244	Prometryn	0,005-5,0
245	Propachlor	0,005-5,0
246	Propanil	0,005-5,0
247	Propazine	0,005-5,0
248	Propetamphos	0,005-5,0
249	Propham	0,005-5,0
250	Propiconazole	0,005-5,0
251	Prothioconazole-Desthio	0,005-5,0
252	Prothiofos	0,005-5,0
253	Pyridaben	0,005-5,0
254	Pyrifenox	0,005-5,0
255	Pyrifluquinazon	0,005-5,0
256	Pyrimethanil	0,005-5,0
257	Pyrimidifen	0,005-5,0
258	Pyriproxyfen	0,005-5,0
259	Quinalphos	0,005-5,0

Lp.	Związek	Zakres (mg/kg)
260	Quinoxifen	0,005-5,0
261	Quintozene	0,005-5,0
262	Resmethrin	0,005-5,0
263	Ronnel (Fenchlorphos)	0,005-5,0
264	Sebuthylazine	0,005-5,0
265	Silafluofen	0,005-5,0
266	Simeconazole	0,005-5,0
267	Sulfallate	0,005-5,0
268	Sulfotep	0,005-5,0
269	Tebuconazole	0,005-5,0
270	Tebufenpyrad	0,005-5,0
271	Tecnazene (TCNB)	0,005-5,0
272	Tefluthrin-cis	0,005-5,0
273	Terbacil	0,005-5,0
274	Terbufos	0,005-5,0
275	Terbufos sulfone	0,005-5,0
276	Terbutylazine-desethyl	0,005-5,0
277	Terbutryn	0,005-5,0
278	Tetrachlorvinphos	0,005-5,0
279	Tetraconazole	0,005-5,0
280	Tetradifon	0,005-5,0

Lp.	Związek	Zakres (mg/kg)
281	Tetraethylpyrophosphate (TEPP)	0,005-5,0
282	Tetrahydrophthalimide	0,005-5,0
283	Tetramethrin	0,005-5,0
284	Tetrasul	0,005-5,0
285	Thiabendazole	0,005-5,0
286	Thiometon	0,005-5,0
287	Thionazin	0,005-5,0
288	Tolclofos-methyl	0,005-5,0
289	Tolyfluanid	0,005-5,0
290	Transfluthrin	0,005-5,0
291	Triadimefon	0,005-5,0
292	Triadimenol	0,005-5,0
293	Triallate	0,005-5,0
294	Triazamate	0,005-5,0
295	Triazophos	0,005-5,0
296	Trichloronat	0,005-5,0
297	Trietazine	0,005-5,0
298	Trifloxystrobin	0,005-5,0
299	Trifluralin	0,005-5,0
300	Uniconazole	0,005-5,0
301	Vinclozolin	0,005-5,0

### Lista 6 Lista oznaczanych pestycydów GC-MS/MS (301 pestycydów)

Lp.	Związek	Zakres (mg/kg)
1	1-Naphthyl acetamide	0,01-5,0
2	2,3,5,6-Tetrachloroaniline	0,01-5,0
3	2,4,5-T methyl ester	0,01-5,0
4	3,4,5-Trimethacarb	0,01-5,0
5	4-bromo-2-chlorophenol	0,01-5,0
6	Acibenzolar-S-methyl	0,01-5,0
7	Acrinathrin	0,01-5,0
8	Alachlor	0,01-5,0
9	Aldrin	0,01-5,0
10	Allethrin	0,01-5,0
11	Ametryn	0,01-5,0
12	Anthraquinone	0,01-5,0
13	Atrazine	0,01-5,0
14	Azaconazole	0,01-5,0
15	Azinphos-ethyl	0,01-5,0
16	Azoxystrobin	0,01-5,0
17	Beflubutamid	0,01-5,0
18	Benalaxyl	0,01-5,0
19	Benfluralin	0,01-5,0
20	Benfuresate	0,01-5,0
21	Benoxacor	0,01-5,0
22	Bifenthrin	0,01-5,0
23	Biphenyl	0,01-5,0
24	Bitertanol	0,01-5,0
25	Boscalid	0,01-5,0
26	Bromfeninfos-ethyl	0,01-5,0
27	Bromocyclen	0,01-5,0
28	Bromophos	0,01-5,0
29	Bromophos-ethyl	0,01-5,0
30	Bromopropylate	0,01-5,0
31	Bromuconazole	0,01-5,0
32	Bupirimate	0,01-5,0
33	Buprofezin	0,01-5,0
34	Butachlor	0,01-5,0
35	Butafenacil	0,01-5,0
36	Butralin	0,01-5,0
37	Butylate	0,01-5,0
38	Captan	0,01-5,0
39	Captan (Sum of captan and THPI, expressed as captan)	
40	Carbophenothion	0,01-5,0

Lp.	Związek	Zakres (mg/kg)
41	Carboxin	0,01-5,0
42	Chinomethionate	0,01-5,0
43	Chlorbenside	0,01-5,0
44	Chlordane	0,01-5,0
45	Chlordane-oxy	0,01-5,0
46	Chlordecone	0,01-5,0
47	Chlordimeform	0,01-5,0
48	Chlorfenapyr	0,01-5,0
49	Chlorfenprop-methyl	0,01-5,0
50	Chlorfenson	0,01-5,0
51	Chlorfenvinphos	0,01-5,0
52	Chlormephos	0,01-5,0
53	Chlorobenzilate	0,01-5,0
54	Chloroneb	0,01-5,0
55	Chloropropylate	0,01-5,0
56	Chlorpropham	0,01-5,0
57	Chlorpyrifos	0,01-5,0
58	Chlorpyrifos-methyl	0,01-5,0
59	Chlorthion	0,01-5,0
60	Chlorthiophos	0,01-5,0
61	Chlzolinate	0,01-5,0
62	Cinidon-ethyl	0,01-5,0
63	Clodinafop-propargyl	0,01-5,0
64	Clomeprop	0,01-5,0
65	Cloquintocet-mexyl	0,01-5,0
66	Coumaphos	0,01-5,0
67	Crimidine	0,01-5,0
68	Crufomate	0,01-5,0
69	Cyanofenphos	0,01-5,0
70	Cyanophos	0,01-5,0
71	Cyflufenamid	0,01-5,0
72	Cyfluthrin	0,01-5,0
73	Cyhalofop-butyl	0,01-5,0
74	Cyhalothrin-lambda	0,01-5,0
75	Cypermethrin	0,01-5,0
76	Cyphenothrin	0,01-5,0
77	Cyproconazole	0,01-5,0
78	Cyprodinil	0,01-5,0
79	Dazomet	0,01-5,0
80	DDD-o,p	0,01-5,0

Lp.	Związek	Zakres (mg/kg)
81	DDD-p,p	0,01-5,0
82	DDE-o,p	0,01-5,0
83	DDE-p,p	0,01-5,0
84	DDT-o,p	0,01-5,0
85	DDT-p,p	0,01-5,0
86	DDT (sum of p,p'-DDT, o,p'-DDT, p-p'-DDE and p,p'-TDE (DDD) expressed as DDT)	
87	Deltamethrin	0,01-5,0
88	Desmetryn	0,01-5,0
89	Dialifos	0,01-5,0
90	Diallate	0,01-5,0
91	Diazinon	0,01-5,0
92	Dibromobenzophenone-4,4	0,01-5,0
93	Dichlobenil	0,01-5,0
94	Dichlofenthion	0,01-5,0
95	Dichlormid	0,01-5,0
96	Dichlorobenzamide-2,6	0,01-5,0
97	Dichlorobenzophenone-4,4	0,01-5,0
98	Dichlorvos	0,01-5,0
99	Diclobutrazol	0,01-5,0
100	Dicloran	0,01-5,0
101	Dicofol	0,01-5,0
102	Dieldrin	0,01-5,0
103	Difenoconazole	0,01-5,0
104	Dimethachlor	0,01-5,0
105	Dimethenamid	0,01-5,0
106	Dimethipin	0,01-5,0
107	Dimetilan	0,01-5,0
108	Dimoxystrobin	0,01-5,0
109	Dinitramine	0,01-5,0
110	Dinoseb	0,01-5,0
111	Dioxacarb	0,01-5,0
112	Dioxathion	0,01-5,0
113	Diphenylamine	0,01-5,0
114	Ditalimfos	0,01-5,0
115	Dodemorph	0,01-5,0
116	Edifenphos	0,01-5,0
117	Endosulfan alpha	0,01-5,0
118	Endosulfan beta	0,01-5,0
119	Endosulfan sulfate	0,01-5,0



Lp.	Związek	Zakres (mg/kg)
120	Endosulfan (sum of alpha and beta-isomers and endosulfan-sulphate expressed as endosulfan) (F)	
121	Endrin	0,01-5,0
122	Endrin ketone	0,01-5,0
123	EPN	0,01-5,0
124	Epoxiconazole	0,01-5,0
125	EPTC	0,01-5,0
126	Etaconazole	0,01-5,0
127	Ethalfuralin	0,01-5,0
128	Ethiolate	0,01-5,0
129	Ethion	0,01-5,0
130	Ethofumesate	0,01-5,0
131	Ethoprophos	0,01-5,0
132	Ethoxyquin	0,01-5,0
133	Ethychlozate	0,01-5,0
134	Etridiazole	0,01-5,0
135	Etrimfos	0,01-5,0
136	Fenamidon	0,01-5,0
137	Fenarimol	0,01-5,0
138	Fenchlorphos oxon	0,01-5,0
139	Fenfluthrin	0,01-5,0
140	Fenitrothion	0,01-5,0
141	Fenpropathrin	0,01-5,0
142	Fenpropimorph	0,01-5,0
143	Fenson	0,01-5,0
144	Fenvalerate	0,01-5,0
145	Flamprop-isopropyl	0,01-5,0
146	Flamprop-methyl	0,01-5,0
147	Fluchloralin	0,01-5,0
148	Flucythrinate	0,01-5,0
149	Flumetralin	0,01-5,0
150	Fluorodifen	0,01-5,0
151	Fluotrimazole	0,01-5,0
152	Flurenol-butyl	0,01-5,0
153	Flurprimidol	0,01-5,0
154	Flusilazole	0,01-5,0
155	Flutriafol	0,01-5,0
156	Fluvalinate-tau	0,01-5,0
157	Folpet	0,01-5,0
158	Folpet (sum of folpet and phthalimide, expressed as folpet)	

Lp.	Związek	Zakres (mg/kg)
159	Fonofos	0,01-5,0
160	Formothion	0,01-5,0
161	Furametypr	0,01-5,0
162	Halfenprox	0,01-5,0
163	HCH-alpha	0,01-5,0
164	HCH-beta	0,01-5,0
165	HCH-delta	0,01-5,0
166	HCH-epsilon	0,01-5,0
167	HCH-gamma	0,01-5,0
168	Heptachlor	0,01-5,0
169	Heptachlor cis (exo-epoxide)	0,01-5,0
170	Heptachlor trans (endo-epoxide)	0,01-5,0
171	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	
172	Heptenophos	0,01-5,0
173	Hexachlorobenzene	0,01-5,0
174	Hexaconazole	0,01-5,0
175	Hexazinone	0,01-5,0
176	Iodofenphos	0,01-5,0
177	Ioxynil octanoate	0,01-5,0
178	Iprobenfos	0,01-5,0
179	Iprodione	0,01-5,0
180	Isazofos (Miral, Isazophos)	0,01-5,0
181	Isocarbophos	0,01-5,0
182	Isodrin	0,01-5,0
183	Isofenphos	0,01-5,0
184	Isoprocarb	0,01-5,0
185	Isopropalin	0,01-5,0
186	Isoxadifen-ethyl	0,01-5,0
187	Kresoxim-methyl	0,01-5,0
188	Lenacil	0,01-5,0
189	Leptophos	0,01-5,0
190	Malaoxon	0,01-5,0
191	Malathion	0,01-5,0
192	Mecarbam	0,01-5,0
193	Mepanipyrim-2-hydroxypropyl	0,01-5,0
194	Mepronil	0,01-5,0
195	Metalaxyl	0,01-5,0
196	Metconazole	0,01-5,0
197	Methamidophos	0,01-5,0
198	Methoprotryne	0,01-5,0

Lp.	Związek	Zakres (mg/kg)
199	Methoxychlor	0,01-5,0
200	Metolachlor	0,01-5,0
201	Mevinphos	0,01-5,0
202	Mirex	0,01-5,0
203	Molinate	0,01-5,0
204	Monalide	0,01-5,0
205	Myclobutanil	0,01-5,0
206	Nitralin	0,01-5,0
207	Nitrapyrin	0,01-5,0
208	Nitrofen	0,01-5,0
209	Nitrothal-isopropyl	0,01-5,0
210	Nuarimol	0,01-5,0
211	Octachlorodipropyl ether (S421)	0,01-5,0
212	Ofurace	0,01-5,0
213	Oxadiazon	0,01-5,0
214	Oxyfluorfen	0,01-5,0
215	Paclobutrazole	0,01-5,0
216	Parathion	0,01-5,0
217	Parathion-methyl	0,01-5,0
218	Pebulate	0,01-5,0
219	Pentachloroaniline	0,01-5,0
220	Pentachloroanisole	0,01-5,0
221	Pentachlorobenzene	0,01-5,0
222	Pentachlorophenol	0,01-5,0
223	Pentanochlor (Solam, CMMP)	0,01-5,0
224	Permethrin	0,01-5,0
225	Perthane	0,01-5,0
226	Phenkapton	0,01-5,0
227	Phenothrin	0,01-5,0
228	Phenylphenol-2	0,01-5,0
229	Phorate	0,01-5,0
230	Phorate oxon	0,01-5,0
231	Phorate oxon sulfone	0,01-5,0
232	Phosalone	0,01-5,0
233	Phosmet oxon	0,01-5,0
234	Phthalimide	0,01-5,0
235	Picoxystrobin	0,01-5,0
236	Piperonyl butoxide	0,01-5,0
237	Pirimiphos-ethyl	0,01-5,0
238	Pirimiphos-methyl	0,01-5,0
239	Pirimiphos-methyl-N-desethyl	0,01-5,0

Lp.	Związek	Zakres (mg/kg)
240	Procymidone	0,01-5,0
241	Profenofos	0,01-5,0
242	Profluralin	0,01-5,0
243	Prometon	0,01-5,0
244	Prometryn	0,01-5,0
245	Propachlor	0,01-5,0
246	Propanil	0,01-5,0
247	Propazine	0,01-5,0
248	Propetamphos	0,01-5,0
249	Propham	0,01-5,0
250	Propiconazole	0,01-5,0
251	Prothioconazole-Desthio	0,01-5,0
252	Prothiofos	0,01-5,0
253	Pyridaben	0,01-5,0
254	Pyrifenox	0,01-5,0
255	Pyrifluquinazon	0,01-5,0
256	Pyrimethanil	0,01-5,0
257	Pyrimidifen	0,01-5,0
258	Pyriproxyfen	0,01-5,0
259	Quinalphos	0,01-5,0
260	Quinoxyfen	0,01-5,0

Lp.	Związek	Zakres (mg/kg)
261	Quintozene	0,01-5,0
262	Resmethrin	0,01-5,0
263	Ronnel (Fenchlorphos)	0,01-5,0
264	Sebuthylazine	0,01-5,0
265	Silafluofen	0,01-5,0
266	Simeconazole	0,01-5,0
267	Sulfallate	0,01-5,0
268	Sulfotep	0,01-5,0
269	Tebuconazole	0,01-5,0
270	Tebufenpyrad	0,01-5,0
271	Tecnazene (TCNB)	0,01-5,0
272	Tefluthrin-cis	0,01-5,0
273	Terbacil	0,01-5,0
274	Terbufos	0,01-5,0
275	Terbufos sulfone	0,01-5,0
276	Terbutylazine-desethyl	0,01-5,0
277	Terbutryn	0,01-5,0
278	Tetrachlorvinphos	0,01-5,0
279	Tetraconazole	0,01-5,0
280	Tetradifon	0,01-5,0
281	Tetraethylpyrophosphate (TEPP)	0,01-5,0

Lp.	Związek	Zakres (mg/kg)
282	Tetrahydrophthalimide	0,01-5,0
283	Tetramethrin	0,01-5,0
284	Tetrasul	0,01-5,0
285	Thiabendazole	0,01-5,0
286	Thiometon	0,01-5,0
287	Thionazin	0,01-5,0
288	Tolclofos-methyl	0,01-5,0
289	Tolyfluanid	0,01-5,0
290	Transfluthrin	0,01-5,0
291	Triadimefon	0,01-5,0
292	Triadimenol	0,01-5,0
293	Triallate	0,01-5,0
294	Triazamate	0,01-5,0
295	Triazophos	0,01-5,0
296	Trichloronat	0,01-5,0
297	Trietazine	0,01-5,0
298	Trifloxystrobin	0,01-5,0
299	Trifluralin	0,01-5,0
300	Uniconazole	0,01-5,0
301	Vinclozolin	0,01-5,0