

**Ölirikastest seemnetest (k.a. raps ja rüps) QuEChERS-meetodiga analüüsitavate toimeainete, nende metaboliitide ja isomeeride nimekiri:**

Var. 3, kehtiv alates: 04.06.2024

Jrk. nr	Toimeaine	Alumine määramispiir, mg/kg	Laiend- määramatus, U %, k=2
	2,4-D (sum of 2,4-D, its salts, its esters and its conjugates, expressed as 2,4-D)	0,02	13
1.	2,4-D	0,02	13
2.	2-phenylphenol (sum of 2-phenylphenol and its conjugates, expressed as 2-phenylphenol)	0,04	16
3.	Acetamiprid	0,01	8
4.	Acrinathrin	0,04	29
	Aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)	0,01	15
5.	Aldicarb	0,01	15
6.	Aldicarb-Sulfone		
7.	Aldicarb-Sulfoxide	0,01	12
	Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)	0,02	23
8.	Aldrin	0,02	14
9.	Ametoctradin	0,01	32
10.	Amidosulfuron	0,02	21
11.	Amisulbrom	0,02	16
12.	Atrazine	0,04	20
13.	Azinphos-ethyl	0,2	18
14.	Azoxystrobin	0,01	10
15.	Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	0,01	10
	Bentazone (Sum of bentazone, its salts and 6-hydroxy (free and conjugated) and 8-hydroxy bentazone (free and conjugated), expressed as bentazone)	0,02	8
16.	Bentazone	0,02	8
17.	Benzovindiflupyr	0,01	50
	Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate)	0,02	50
18.	Bifenazate	0,02	50
19.	Bifenox	0,2	26
20.	Bifenthrin (sum of isomers)	0,04	31
21.	Biphenyl	0,04	15
22.	Bitertanol (sum of isomers)	0,2	11
23.	Bixafen	0,01	26
24.	Boscalid	0,04	35
25.	Bromophos-ethyl	0,02	11

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Jrk. nr	Toimeaine	Alumine määramispiir, mg/kg	Laiend- määramatus, U %, k=2
26.	Bromophos-methyl	0,02	14
27.	Bromopropylate	0,04	23
28.	Bromuconazole (sum of diastereoisomers)	0,2	23
29.	Cadusafos	0,04	20
30.	Carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim)	0,02	8
31.	Carbetamide (sum of carbetamide and its S isomer)	0,01	20
	Carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran)	0,02	23
32.	Carbofuran	0,02	23
33.	Carbofuran, 3-hydroxy	0,02	12
	Carboxin (carboxin plus its metabolites carboxin sulfoxide and oxycarboxin (carboxin sulfone), expressed as carboxin)	0,02	11
34.	Carboxin	0,02	11
35.	Chlorantraniliprole	0,01	24
36.	Chlorfenvinphos	0,04	21
	Chloridazon (sum of chloridazon and chloridazon-desphenyl, expressed as chloridazon)	0,02	14
37.	Chloridazon	0,02	14
38.	Chlormephos	0,04	30
39.	Chlorotoluron	0,01	21
40.	Chlorpropham	0,04	31
41.	Chlorpyrifos	0,04	9
42.	Chlorpyrifos-methyl	0,04	25
43.	Chlorsulfuron	0,02	17
44.	Chlozolate	0,04	30
45.	Clofentezine	0,01	9
46.	Clomazone	0,01	10
47.	Clopyralid	0,2	11
48.	Cloquintocet-1-Mexyl	0,01	23
49.	Clothianidin	0,02	10
50.	Coumaphos	0,01	18
51.	Cyanazine	0,01	17
52.	Cyflufenamid (sum of cyflufenamid (Z-isomer) and its E-isomer, expressed as cyflufenamid)	0,01	23
53.	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers))	0,04	38

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Jrk. nr	Toimeaine	Alumine määramispiir, mg/kg	Laiend- määramatus, U %, k=2
54.	Cymiazol	0,02	9
55.	Cymoxanil	0,01	11
	Cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers))	0,2	37
56.	Cypermethrin	0,2	23
57.	Cypermethrin, alpha- (Alphamethrin)	0,04	25
58.	Cypermethrin, beta-	0,2	37
59.	Cyproconazole	0,02	9
60.	Cyprodinil	0,04	37
	DDT (sum of p,p'-DDT, o,p'-DDT, p-p'-DDE and p,p'-TDE (DDD) expressed as DDT)	0,1	37
61.	DDD, p,p-	0,02	21
62.	DDE, p,p-	0,02	25
63.	DDT, o,p-	0,1	3
64.	DDT, p,p-	0,1	37
65.	Deltamethrin (cis-deltamethrin)	0,2	31
66.	Demeton-S-methyl	0,01	14
67.	Desmedipham	0,01	8
68.	Desmetryn	0,04	28
69.	Diazinon	0,04	19
70.	Dicamba	0,05	8
	Dichlorprop (Sum of dichlorprop (including dichlorprop-P), its salts, esters and conjugates, expressed as dichlorprop)	0,02	15
71.	Dichlorprop	0,02	15
72.	Dichlorvos	0,05	13
73.	Dicloran	0,04	18
74.	Dicofol (sum of p, p' and o,p' isomers)	0,04	25
75.	Dicrotophos	0,01	13
76.	Diethofencarb	0,01	9
77.	Difenoconazole	0,04	28
78.	Diflufenican	0,04	22
79.	Dimethachlor	0,04	19
80.	Dimethoate	0,01	10
81.	Dimethomorph (sum of isomers)	0,01	8
82.	Dimoxystrobin	0,04	41
	Dinocap (sum of dinocap isomers and their corresponding phenols expressed as dinocap)	0,02	15
83.	Dinocap	0,02	15
84.	Dinotefuran	0,01	19

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Jrk. nr	Toimeaine	Alumine määramispiir, mg/kg	Laiend- määramatus, U %, k=2
85.	Diphenylamine	0,04	15
	Disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton)	0,04	15
86.	Disulfoton	0,04	15
87.	Diuron	0,01	17
88.	Dodine	0,02	49
89.	Emamectin B1a and its salts, expressed as emamectin B1a (free base)	0,01	28
90.	EPN	0,04	24
91.	Epoxiconazole	0,02	9
92.	Ethametsulfuron-methyl	0,01	29
93.	Ethiofencarb	0,01	11
94.	Ethion	0,2	13
95.	Ethirimol	0,01	32
	Ethofumesate (Sum of ethofumesate, 2-keto-ethofumesate, open-ring-2-keto-ethofumesate and its conjugate, expressed as ethofumesate)	0,02	17
96.	Ethofumesate	0,02	17
97.	Ethoprophos	0,04	23
98.	Etofenprox	0,02	22
99.	Etoxazole	0,02	50
100.	Etrimfos	0,04	20
101.	Famoxadone	0,04	30
102.	Fenamidone	0,04	26
	Fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos)	0,01	11
103.	Fenamiphos	0,01	8
104.	Fenamiphos-sulfone	0,01	8
105.	Fenamiphos-sulfoxide	0,01	11
106.	Fenarimol	0,04	35
107.	Fenazaquin	0,02	33
108.	Fenbuconazole (sum of constituent enantiomers)	0,01	11
	Fenchlorphos (sum of fenchlorphos and fenchlorphos oxon expressed as fenchlorphos)	0,04	22
109.	Fenchlorphos	0,04	22
110.	Fenoxaprop-P	0,01	9
111.	Fenoxycarb	0,02	7
112.	Fenpropathrin	0,2	8
113.	Fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin)	0,2	3

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Jrk. nr	Toimeaine	Alumine määramispiir, mg/kg	Laiend- määramatus, U %, k=2
114.	Fenpropimorph (sum of isomers)	0,04	22
115.	Fenpyrazamine	0,01	15
116.	Fenpyroximate	0,01	40
	Fenthion (fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent)	0,04	24
117.	Fenthion	0,04	24
118.	Fenthion-sulfone	0,02	12
119.	Fenthion-sulfoxide	0,01	13
120.	Fenthion oxon	0,01	10
121.	Fenthion oxon sulfone	0,02	6
122.	Fenthion oxon sulfoxide	0,01	16
	Fipronil (sum fipronil + sulfone metabolite (MB46136) expressed as fipronil)	0,04	27
123.	Fipronil	0,02	27
124.	Fipronil sulfone	0,04	20
	Flonicamid (sum of flonicamid, TFNA and TFNG expressed as flonicamid)	0,01	29
125.	Flonicamid	0,02	29
126.	Florasulam	0,02	18
	Fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	0,04	40
127.	Fluazifop	0,02	22
128.	Fluazifop-P-butyl	0,04	40
129.	Fluazinam	0,02	14
130.	Flubendiamide	0,01	21
131.	Flucythrinate (flucythrinate including other mixtures of constituent isomers (sum of isomers))	0,04	30
132.	Fludioxonil	0,01	11
	Flufenacet (sum of all compounds containing the N fluorophenyl-N-isopropyl moiety expressed as flufenacet)	0,01	31
133.	Flufenacet	0,01	31
134.	Flufenoxuron	0,02	12
135.	Fluopicolide	0,04	19
136.	Fluopyram	0,01	21
137.	Fluoxastrobin (sum of fluoxastrobin and its Z-isomer)	0,04	19
138.	Fluquinconazole	0,04	28

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Jrk. nr	Toimeaine	Alumine määramispiir, mg/kg	Laiend- määramatus, U %, k=2
	Fluroxypyr (sum of fluroxypyr, its salts, its esters, and its conjugates, expressed as fluroxypyr)	0,02	41
139.	Fluroxypyr-meptyl	0,02	41
140.	Flusilazole	0,04	27
141.	Flutolanil	0,01	26
142.	Fluvalinate (sum of isomers) resulting from the use of tau-fluvalinate	0,2	38
143.	Fluxapyroxad	0,01	17
144.	Foramsulfuron	0,01	15
145.	Fosthiazate	0,01	8
146.	Fuberidazole	0,02	7
	Haloxyfop (Sum of haloxyfop, its esters, salts and conjugates expressed as haloxyfop (sum of the R- and S- isomers at any ratio))	0,04	34
147.	Haloxyfop	0,02	16
148.	Haloxyfop-R-methylester	0,04	34
	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	0,04	31
149.	Heptachlor	0,04	31
150.	Heptachlorepoxyde, cis-	0,02	25
151.	Heptachlorepoxyde, trans-	0,02	13
152.	Heptenophos	0,04	17
153.	Hexachlorocyclohexane (HCH), alpha-isomer	0,1	29
154.	Hexaflumuron	0,02	22
155.	Hexythiazox	0,02	23
156.	Imazapyr	0,02	19
157.	Imidacloprid	0,02	8
158.	Iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl)	0,02	14
159.	Iprovalicarb	0,01	8
160.	Isofenphos	0,02	16
161.	Isofenphos-methyl	0,02	13
162.	Isoprothiolane	0,2	22
163.	Isoproturon	0,01	8
164.	Kresoxim-methyl	0,04	34
165.	Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers)	0,04	23
166.	Lenacil	0,01	13
167.	Linuron	0,01	13
168.	Lufenuron (any ratio of constituent isomers)	0,02	12

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Jrk. nr	Toimeaine	Alumine määramispiir, mg/kg	Laiend- määramatus, U %, k=2
	Malathion (sum of malathion and malaoxon expressed as malathion)	0,04	22
169.	Malaoxon	0,04	22
170.	Mandipropamid (any ratio of constituent isomers)	0,01	13
	MCPA and MCPB (MCPA, MCPB including their salts, esters and conjugates expressed as MCPA)	0,02	18
171.	MCPA	0,02	15
172.	MCPB	0,02	18
173.	Mecarbam	0,04	31
	Mecoprop (sum of mecoprop-p and mecoprop expressed as mecoprop)	0,02	20
174.	Mecoprop	0,02	20
175.	Mefenpyr-Diethyl	0,02	50
176.	Mepanipyrim	0,02	8
177.	Mesosulfuron-methyl	0,01	9
178.	Metaflumizone (sum of E- and Z- isomers)	0,02	11
	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	0,01	5
179.	Metalaxyl	0,01	5
180.	Metamitron	0,02	12
	Metazachlor (Sum of metabolites 479M04, 479M08 and 479M16, expressed as metazachlor)	0,04	29
181.	Metazachlor	0,04	29
182.	Metconazole (sum of isomers)	0,02	22
183.	Methacrifos	0,02	20
184.	Methamidophos	0,01	8
	Methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	0,01	9
185.	Methiocarb	0,01	9
186.	Methiocarb sulfone	0,01	8
187.	Methiocarb sulfoxide	0,01	7
188.	Methomyl	0,02	15
189.	Methoxyfenozide	0,01	7
190.	Metobromuron	0,01	18
191.	Metrafenone	0,04	49
192.	Metribuzin	0,01	16
193.	Metsulfuron-methyl	0,02	19
194.	Mevinphos (sum of E- and Z-isomers)	0,04	9
195.	Monolinuron	0,01	13
196.	Myclobutanil (sum of constituent isomers)	0,04	19
197.	Nicosulfuron	0,02	19

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198.	Omethoate	0,01	9
199.	Oxamyl	0,02	18
	Oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl)	0,01	17
200.	Demeton-S-methylsulfone	0,01	13
201.	Demeton-S-methylsulfoxid (oxydemeton-methyl)	0,01	17
202.	Paclobutrazol (sum of constituent isomers)	0,01	16
203.	Parathion	0,04	19
	Parathion-methyl (sum of Parathion-methyl and paraoxon-methyl expressed as Parathion-methyl)	0,2	33
204.	Paraoxon-methyl	0,01	18
205.	Parathion-methyl	0,2	33
206.	Penconazole (sum of constituent isomers)	0,04	18
	Pencycuron (sum of pencycuron and pencycuron-PB-amine, expressed as pencycuron)	0,01	9
207.	Pencycuron	0,01	9
208.	Pendimethalin	0,2	28
209.	Penthiopyrad	0,01	12
210.	Permethrin (sum of isomers)	0,04	22
	Phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	0,04	17
211.	Phorate	0,04	17
212.	Phosphamidon	0,2	18
213.	Phoxim	0,02	12
214.	Picolinafen	0,04	26
215.	Picoxystrobin	0,04	17
216.	Pinoxaden	0,01	12
217.	Piperonyl butoxide	0,01	10
218.	Pirimicarb	0,04	21
219.	Pirimiphos-methyl	0,04	12
	Prochloraz (sum of prochloraz, BTS 44595 (M201-04) and BTS 44596 (M201-03), expressed as prochloraz)	0,2	27
220.	Prochloraz	0,2	27
221.	2,4,6-Trichlorophenol	0,04	5
222.	Procymidone	0,04	19
223.	Profenofos	0,04	33
224.	Prometryn	0,2	15



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225.	Propamocarb (Sum of propamocarb and its salts, expressed as propamocarb)	0,02	15
226.	Propazine	0,01	9
227.	Propiconazole (sum of isomers)	0,04	32
228.	Propoxur	0,01	8
229.	Propoxycarbazone (propoxycarbazone, its salts and 2-hydroxypropoxycarbazone expressed as propoxycarbazone)	0,01	17
230.	Propyzamide	0,04	30
231.	Proquinazid	0,01	50
232.	Prosulfocarb	0,01	9
233.	Prothioconazole: prothioconazole-desthio (sum of isomers)	0,02	11
234.	Prothiofos	0,2	40
235.	Pymetrozine	0,01	14
236.	Pyrazophos	0,2	9
	Pyridate (sum of pyridate, its hydrolysis product CL 9673 (6-chloro-4-hydroxy-3-phenylpyridazin) and hydrolysable conjugates of CL 9673 expressed as pyridate)	0,02	21
237.	Pyridate	0,02	21
238.	Pyrimethanil	0,04	9
239.	Pyriofenone	0,01	36
240.	Pyriproxifen	0,01	16
241.	Pyroxsulam	0,02	18
242.	Quinalphos	0,04	16
	Quinmerac (sum of quinmerac and its metabolites BH 518-2 and BH 518-4 expressed as quinmerac)	0,02	36
243.	Quinmerac	0,02	36
244.	Quinoxyfen	0,04	11
	Quizalofop (sum of quizalofop, its salts, its esters (including propaquizafop) and its conjugates, expressed as quizalofop (any ratio of constituent isomers))	0,02	28
245.	Quizalofop-ethyl	0,02	12
246.	Quizalofop-P-tefuryl	0,01	14
247.	Propaquizafop	0,01	9
248.	Sedaxane (sum of isomers)	0,01	18
249.	Spinosad (spinosad, sum of spinosyn A and spinosyn D)	0,01	12

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250.	Spirodiclofen	0,02	16
251.	Spiromesifen	0,01	32
	Spirotetramat and spirotetramat-enol (sum of), expressed as spirotetramat	0,01	50
252.	Spirotetramat	0,01	37
253.	Spiroxamine (sum of isomers)	0,01	16
254.	Sulfosulfuron	0,01	9
255.	Tebuconazole	0,02	12
256.	Tebufenozide	0,01	12
257.	Tebufenpyrad	0,02	7
258.	Tecnazene	0,02	31
259.	Teflubenzuron	0,02	19
260.	Tefluthrin (tefluthrin including other mixtures of constituent isomers (sum of isomers))	0,04	30
261.	Terbuthylazine	0,01	7
262.	Tetraconazole (sum of constituent isomers)	0,04	17
263.	Tetradifon	0,04	32
264.	Tetramethrin	0,01	31
265.	Thiabendazole	0,02	10
266.	Thiacloprid	0,01	9
267.	Thiamethoxam	0,01	24
268.	Thiencarbazone-Methyl	0,01	29
269.	Thifensulfuron-methyl	0,01	8
270.	Thiophanate-methyl	0,02	19
271.	Thiometon	0,04	17
272.	Tolclofos-methyl	0,04	17
273.	Tolfenpyrad	0,01	46
	Tolylfluanid (Sum of tolylfluanid and dimethylaminosulfotoluidide expressed as tolylfluanid)	0,02	15
274.	DMST (dimethylaminosulfotoluidide)	0,02	15
275.	Tralkoxydim (sum of the constituent isomers of tralkoxydim)	0,01	17
276.	Triadimefon	0,04	38
277.	Triasulfuron	0,01	17
278.	Trichlorfon	0,02	20
279.	Tricyclazole	0,01	13
280.	Trifloxystrobin	0,04	21
281.	Triflumuron	0,02	16
282.	Trifluralin	0,02	32

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283.	Triforine	0,01	40
284.	Triticonazole	0,04	21
285.	Tritosulfuron	0,02	17
286.	Vinclozolin	0,04	22
287.	Zoxamide	0,2	26