

Customer

Arctic Warriors Oy

 Jokelantie 1654
 97675 Narkaus


Sample information	Sample	Special sample	Time	Reason for study
	Date of sampling	13.03.2015	Time	13.00
	Date of arrival	13.03.2015	Time	13.00
	Study start date	17.03.2015	Reason for study	Own quality control
	Sampler	Customer		

Analysis	Method	4810-1 Special sample Puolustaja	4810-2 Special sample Taistelija	4810-3 Special sample Hunaja	Unit	Uncertainty %
Aerobic micro-organisms 30 C	* NMKL 86 2006	< 1 000	< 1 000	< 1 000	cfu/g	
Pseudomonas aeruginosa	SFS-EN 12780:2002	< 1	< 1	< 1	pmy/g	
Escherichia coli	* RapidEcoli-agar, 44°C, 24 t	< 1	< 1	< 1	cfu/g	
Staphylococcus aureus	* NMKL 66 2009	< 1	< 1	< 1	cfu/g	
Molds	NMKL 98:2005 mod, OGYE-agar, 25°C, 5-7 days	< 100	< 100	< 100	cfu/g	
Salmonella	* Vidas SPT	Not detected	Not detected	Not detected	/25 g	
Arsenic, As	* ISO 17294-2	< 0,5	< 0,5	< 0,5	mg/kg	20
Mercury, Hg	ISO 17294-2	< 0,1	< 0,1	< 0,1	mg/kg	30
Cadmium, Cd	* ISO 17294-2	< 0,05	< 0,05	< 0,05	mg/kg	20
Lead, Pb	* ISO 17294-2	< 0,05	< 0,05	< 0,05	mg/kg	20
Torjunta-aineet:	* GC-MS ja LC-MS 1)	Not detected (see list below)	Not detected (see list below)	Not detected (see list below)		

*=Accredited analysis method

1) = Analysis performed in GBA Laboratory Group, Germany

Further information

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Head of Laboratory

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List of pesticides – Multi residue method

GC-MS, GC-MS/MS/ LC-MS-MS

The limits of quantification (LOQ) are between 0.001 and 0.010 mg/kg.

1. 3-Chloranilin
2. Abamectin (Avermectin B1A + B1B)
3. Acephate
4. Acetamiprid
5. Acetochlor
6. Acibenzolar-S-methyl
7. Aclonifen
8. Acrinathrin
9. Alachlor
10. Aldicarb
11. Aldicarb-sulfoxide
12. Aldoxycarb (Aldicarb-sulfone)
13. Aldrin
14. Allethrin
15. Ametryn
16. Amidosulfuron
17. Aminocarb
18. Amitraz (incl. metabolite)
19. Anthraquinone
20. Atrazine
21. Azaconazole
22. Azadirachtin
23. Azinphos-ethyl
24. Azinphos-methyl
25. Azoxystrobin
26. Benalaxyl
27. Bendiocarb
28. Benfluralin (Benefin)

29. Benfuracarb
30. Benodanil
31. Benomyl
32. Benoxachor
33. Bentiavalicarb-isopropyl
34. Bifenazat
35. Bifenox
36. Bifenthrin
37. Binapacryl
38. Biphenyl*
39. Bitertanol
40. Boscalid (Nicobifen)
41. Bromacil
42. Bromocyclen
43. Bromophos
44. Bromophos-ethyl
45. Bromopropylate
46. Bromoxynil
47. Bromuconazole
48. Bupirimate
49. Buprofezin
50. Butafenacil
51. Butamifos
52. Butocarboxim-sulfoxide
53. Butralin
54. Buturon
55. Butylate
56. Cadusafos
57. Captafol (Difolatan)
58. Captan
59. Carbaryl (Sevin)
60. Carbendazim
61. Carbofuran
(inkl 3-Hydroxy-Carbofuran)
62. Carbophenothion
63. Carbophenothion-methyl
64. Carbosulfan
65. Carboxin
66. Carfentrazone-ethyl
67. Chinomethionate (Quinomethionate)
68. Chlorantraniliprole (Rynaxypyr)
69. Chlorbensid-sulfon
70. Chlorbenzuron
71. Chlorbromuron

72. Chlorbufam
73. Chlordane (cis-, trans-)
74. Chlordan-Oxy
75. Chlordecone
76. Chlorfenapyr
77. Chlorfenprop-methyl
78. Chlorfenson (Ovex)
79. Chlorfenvinphos
80. Chlorfluazuron
81. Chloridazone (Pyrazone)
82. Chlormephos
83. Chlorobenzilate
84. Chloroneb
85. Chloropropylate
86. Chlorothalonil
87. Chlorotoluron
88. Chloroxuron
89. Chlorpropham (CIPC)
90. Chlorpyriphos (-ethyl)
91. Chlorpyriphos-methyl
92. Chlorsulfuron
93. Chlorthal-dimethyl (DCPA)
94. Chlorthion
95. Chlorthiophos
96. Chlozolate
97. Clethodim
98. Climbazole
99. Clodinafop-propargyl
100. Clofentezine
101. Clomazone
102. Clopyralid
103. Cloquintocet-mexyl
104. Clothianidin
105. Coumaphos
106. Crimidine
107. Cyanazine
108. Cyanofenphos
109. Cyanophos (Cyanox)
110. Cyazofamide
111. Cycloate
112. Cycloxydim
113. Cyflufenamide
114. Cyfluthrin
115. Cyhalothrin (lambda-)

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116. Cyhexatine
 117. Cymoxanil
 118. Cypermethrin
 119. Cyphenothrin (I+II)
 120. Cyproconazole
 121. Cyprodinil
 122. Cyromazine
 123. Dazomet
 124. DDD (o,p-, p,p-Isomer)
 125. DDE (o,p-, p,p-Isomer)
 - List of pesticides – Multi method
 - GC-MS, GC-MS/MS/ LC-MS-MS
 126. DDT (o,p-, p,p-Isomer)
 127. DEET (Diethyltoluamide)
 128. DEF (Tribufos, Tributylphosphostrithioat)
 129. Deltamethrin
 130. Demeton-S-methyl
 131. Demeton-S-methyl-sulfone
 132. Desmedipham (DMP)
 133. Desmetryn
 134. Diafenthiuron
 135. Diallat (I+II)
 136. Diazinon
 137. Dicapthon (Isochlorthion)
 138. Dichlobenil
 139. Dichlofenthion
 140. Dichlofluanid
 141. Dichlorbenzophenon-2,4'
 142. Dichlorbenzophenon-2,2'
 143. Dichlorvos (DDVP)
 144. Diclobutrazole
 145. Diclob-methyl
 146. Dicloran
 147. Dicofol (2,4 + 4,4)
 148. Dicofol-p,p
 149. Dicrotovos
 150. Dieldrin
 151. Diethofencarb
 152. Difenconazole
 153. Diflubenzuron
 154. Diflufenican
 155. Dimefurone
 156. Dimethenamid
 157. Dimethoate

- 158. Dimethomorph
- 159. Dimoxystrobin
- 160. Diniconazole
- 161. Dinitramine
- 162. Dinocap
- 163. Dinotefuran
- 164. Diphenamid
- 165. Diphenylamine
- 166. Dipropetryn
- 167. Disulfoton
- 168. Disulfoton-sulfone
- 169. Disulfoton-sulfoxide
- 170. Ditalimfos
- 171. Dithianon
- 172. Diuron
- 173. Dodine
- 174. Emamectin
- 175. Endosulfan, alpha-
- 176. Endosulfan, beta-
- 177. Endosulfansulfate
- 178. Endrin
- 179. Endrin-Keton
- 180. EPN
- 181. Epoxiconazole
- 182. EPTC
- 183. Etaconazole
- 184. Ethalfluraline
- 185. Ethiofencarb
- 186. Ethiofencarb-sulfone
- 187. Ethiofencarb-sulfoxide
- 188. Ethion
- 189. Ethiprol
- 190. Ethirimol
- 191. Ethofumesate
- 192. Ethoprophos
- 193. Ethoxyquin
- 194. Etofenprox
- 195. Etoxazole
- 196. Etridiazole
- 197. Etrimfos
- 198. Famoxadone
- 199. Famphur (Famophos)
- 200. Fenamidone
- 201. Fenamiphos

202. Fenamiphos-sulfone
203. Fenarimol
204. Fenazaquin
205. Fenbuconazole
206. Fenbutatin-oxide
207. Fenchlorphos (Ronnell)
208. Fenchlorphos-oxon
209. Fenfluthrin
210. Fenhexamid
211. Fenitrothion (MEP)
212. Fenobucarb
213. Fenoxycarb
214. Feniclonil
215. Fenpropathrin
216. Fenpropidin
217. Fenpropimorph
218. Fenpyroximate
219. Fenson (Fenizon)
220. Fensulfothion
221. Fensulfothion-oxon-sulfon
222. Fenthion
223. Fenthion-oxon
224. Fenthion-oxonsulfone
225. Fenthion-oxonsulfoxide
226. Fenthion-sulfone
227. Fenthion-sulfoxide
228. Fentinacetate
229. Fenurone
230. Fenvalerate/ Esfenvalerate, RR-SS-isomers
231. Fenvalerate/ Esfenvalerate, RS-SR-isomers
232. Fipronil
233. Fipronil-sulfide
234. Flamprop-methyl
235. Flonicamid
236. Fluazifop
237. Fluazifop-P-butyl
238. Fluazinam
239. Fluazuron
240. Flubendiamid
241. Fluchloralin
242. Flucythrinate
243. Fludioxonil
244. Flufenacet
245. Flufenoxuron

- 246. Flumetraline
- 247. Flumioxazin
- 248. Fluopicolide
- 249. Fluopyram
- 250. Flurodifen
- 251. Fluoroglycofen-ethyl
- 252. Fluotrimazol
- 253. Flurochloridin
- 254. Fluquiconazole
- 255. Flurprimidol
- 256. Flurtamon
- 257. Flusilazole
- 258. Fluthiacet-methyl
- 259. Flutolanil
- 260. Flutriafol
- 261. Fluvalinate (tau-)
- 262. Folpet
- 263. Fonofos
- 264. Forchlorfenuron
- 265. Formetanate
- 266. Formothion
- 267. Fosthiazat
- 268. Fuberidazole
- 269. Furalaxyl
- 270. Furathiocarb
- 271. Genite
- 272. Halfenprox (Brofenprox)
- 273. Haloxyfop
- 274. Haloxyfop-2-ethoxyethyl
- 275. Haloxyfop-methyl
- 276. Heptachlor
- 277. Heptachlorepoxyd
- 278. Heptenophos
- 279. Hexachlorbenzole (HCB)
- 280. Hexachlorcyclohexan, alpha-(alpha-HCH)
- 281. Hexachlorcyclohexan, beta-(beta-HCH)
- 282. Hexachlorcyclohexan, delta-(delta-HCH)
- 283. Hexachlorcyclohexan, gamma-(gamma-HCH / Lindan)
- 284. Hexaconazole
- 285. Hexaflumuron
- 286. Hexazinone
- 287. Hexythiazox
- 288. Icaridin

- 289. Imazalil (Enilconazol)
- 290. Imazaquin
- 291. Imazethapyr
- 292. Imibenconazole
- 293. Imidacloprid
- 294. Indoxacarb
- 295. Iodofenphos
- 296. Ioxynil
- 297. Ioxynil octanoic acid ester
- 298. Iprobenphos (IBP)
- 299. Iprodione
- 300. Iprovalicarb
- 301. Isazofos
- 302. Isobenzan (Telodrin)
- 303. Isocarbophos
- 304. Isodrin
- 305. Isofenphos
- 306. Isofenphos-methyl
- 307. Isofenphos-ethyl
- 308. Isoprocarb (MIPC)
- 309. Isopropalin
- 310. Isoprothiolan
- 311. Isoproturon
- 312. Isoxaben
- 313. Isoxadifen-ethyl
- 314. Isoxaflutole
- 315. Isoxathion
- 316. Kresoxim-methyl
- 317. Landrin (3,4,5-Trimethacarb)
- 318. Lenacil
- 319. Leptophos
- 320. Linuron
- 321. Lufenuron
- 322. Malaaxon
- 323. Malathion (Mercaptothion)
- 324. Mandipropamid
- 325. Mecarbam
- 326. Mefenpyr-diethyl
- 327. Mepanipyrim
- 328. Mepronil
- 329. Metaflumizone
- 330. Metalaxyl
- 331. Metamitron
- 332. Metazachlor

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- 333. Metconazol
 - 334. Methabenzthiazuron
 - 335. Methacrifos
 - 336. Methamidophos
 - 337. Methidathion
 - 338. Methiocarb (Mercaptodimethur)
 - 339. Methiocarb-sulfone
 - 340. Methiocarb-sulfoxide
 - 341. Methomyl
 - 342. Methoprotryne
 - 343. Methoxychlor
 - 344. Methoxyfenozide
 - 345. Metobromuron
 - 346. Metolachlor
 - 347. Metolcarb (MTMC)
 - 348. Metosulam
 - 349. Metoxuron
 - 350. Metrafenone
 - 351. Metribuzin
 - 352. Metsulfuron Methyl
 - 353. Mevinphos
 - 354. Mirex
 - 355. Molinate
 - 356. Monocrotophos
 - 357. Monolinuron
 - 358. Monuron (CMU)
 - 359. Myclobutanil
 - 360. Naphthylacetamid
 - 361. Napropamide
 - 362. Neburon
 - 363. Nitenpyram
 - 364. Nitralin
 - 365. Nitrpyrin
 - 366. Nitrofen
 - 367. Nitrothal-isopropyl
 - 368. Nonachlor, cis-/trans-
 - 369. Norflurazon
 - 370. Novaluron
 - 371. Nuarimol
 - 372. Octachlorstyrol
 - 373. Ofurace
 - 374. Omethoate
 - 375. Oxadiazon
 - 376. Oxadixyl

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377. Oxamyl
 378. Oxychlordane
 379. Oxydemeton-methyl (Demeton-S-methyl-sulfoxide)
 380. Oxyfluorfen
 381. Paclobutrazole
 382. Paraoxon
 383. Paraoxon-methyl
 384. Parathion (Thiophos)
 385. Parathion-methyl (Metaphos)
 386. Pebulate
 387. Penconazole
 388. Pencycuron
 389. Pendimethalin
 390. Pentachloranisole
 391. Pentachloroaniline
 392. Pentachlorophenol (PCP)
 393. Pentachlorthioanisol
 394. Permethrin
 395. Perthan
 396. Phenkapton (CMP)
 397. Phenmedipham
 398. Phenothrin
 399. Phentoate (PAP)
 400. Phenylphenol, ortho-
 401. Phorate
 402. Phosalone
 403. Phosmet (PMP)
 404. Phosphamidon
 405. Phoxim
 406. Picolinafen
 407. Picoxystrobin
 408. Piperonyl butoxide
 409. Piperophos
 410. Pirimicarb
 411. Pirimicarb-desmethyl
 412. Pirimicarb-desmethylformamido
 413. Pirimiphos-ethyl
 414. Pirimiphos-methyl
 415. Pirimiphos-methyl-N-desethyl
 416. Primisulfuron-methyl
 417. Plifenat
 418. Prochloraz
 419. Procymidone
 420. Profenophos

- 421. Profluralin
- 422. Profoxydim
- 423. Promecarb
- 424. Prometryne
- 425. Propachlor
- 426. Propamocarb
- 427. Propanil (DCPA)
- 428. Propaphos
- 429. Propaquizafop
- 430. Propargite
- 431. Propazin
- 432. Propetamphos
- 433. Propham (IPC)
- 434. Propiconazole
- 435. Propoxycarbazone
- 436. Propoxur
- 437. Propyzamide
- 438. Proquinazid (KQ926)
- 439. Prosulfocarb
- 440. Prothioconazole
- 441. Prothiofos
- 442. Prothoat
- 443. Pymetrozine
- 444. Pyraclofos
- 445. Pyraclostrobin
- 446. Pyraflufen-ethyl
- 447. Pyrazophos
- 448. Pyrethrum (Pyrethrine)
- 449. Pyridaben
- 450. Pyridalyl
- 451. Pyridaphenthion
- 452. Pyridate
- 453. Pyrifenox
- 454. Pyrimethanil
- 455. Pyrimidifen
- 456. Pyriproxyfen
- 457. Pyroxsulam
- 458. Quinalphos
- 459. Quinmerac
- 460. Quinoxifen
- 461. Quintozene (PCNB)
- 462. Quinalofop
- 463. Resmethrine
- 464. Rotenon (Derris)

- 465. S-421
- 466. Sethoxydim
- 467. Sebuthylazin
- 468. Silafluofen (Silaneophan)
- 469. Silthiofam
- 470. Simazine
- 471. Simeconazol
- 472. Spinosad (Spinosyn A / Spinosyn D)
- 473. Spirodiclofen
- 474. Spiromesifen
- 475. Spirotetramat
- 476. Spiroxamine
- 477. Sulcotrione
- 478. Sulfentrazone
- 479. Sulfotep
- 480. Sulprofos
- 481. Tebuconazole
- 482. Tebufenozide
- 483. Tebufenpyrad
- 484. Tebupirimfos
- 485. Tecnazene (TCNB)
- 486. Teflubenzuron
- 487. Tefluthrin
- 488. Tepraloxydim
- 489. Terbacil
- 490. Terbufos
- 491. Terbumeton
- 492. Terbutylazine
- 493. Terbutryn
- 494. Tetrachlorvinphos (Stirophos)
- 495. Tetraconazole
- 496. Tetradifon (Tedion)
- 497. Tetramethrin
- 498. Tetrasul
- 499. Thiabendazole
- 500. Thiacloprid
- 501. Thiametoxam
- 502. Thiobencarb (Benthiocarb)
- 503. Thiodicarb
- 504. Thiofanox
- 505. Thiofanox-sulfone
- 506. Thiofanox-sulfoxide
- 507. Thiomethon
- 508. Thiophanat-methyl

- 509. Tolclofos-methyl
- 510. Tolfenpyrad
- 511. Tolyfluanid
- 512. Tralkoxydim
- 513. Tralomethrin
- 514. Transfluthrin
- 515. Triadimefon
- 516. Triadimenol
- 517. Triallate
- 518. Triazamate
- 519. Triazophos
- 520. Trichlorfon (Metrifonat)
- 521. Trichloronate
- 522. Triclopyr
- 523. Tricyclazole
- 524. Tridemorph
- 525. Trifloxystrobin
- 526. Triflumizole
- 527. Triflumuron
- 528. Trifluralin
- 529. Triforine
- 530. Triticonazole
- 531. Uniconazole
- 532. Vamidothion
- 533. Vinclozolin
- 534. XMC (Xyl-yl-methylcarbamate)
- 535. Zoxamide