



University of Chemistry and Technology,
Prague Metrological and Testing Laboratory
UCT Prague



Testing laboratory No. 1316.2 accredited by the CAI according to the
17025:2018

Address: VSCHT Praha, Technická 1905/5, 166 28 Prague 6, Czech Republic (tel.: +420 602833424; +420 220443184; https://www.vscht.cz/m_zl)

Test certificate ML: 2081/23

print no.: ENG_718/23

Client: Green DNA GmbH.
Chilehaus A, Fischertwiete 2
20095 Hamburg
Deutschland

Sample received: 15.11.2023
Order no.: 13.11.2023
Sample description (client's): El Gringo 10% THCP by HERO

Testing item: vape liquid
packaging: tube
quantity: 1 g

Date of testing: 15.11.2023 - 23.11.2023
Location of testing: facilities of the MZL UTC, Technická 1903/3, 166 28 Prague 6 - Dejvice
Testing methods used: KM 01: GC-MS (EN 15662)
KM 02: LC-MS/MS (EN 15662)
KM 21: LC-MS
SOP 70.3: AAS-hydridy
SOP 70.4: AAS-AMA
SOP 70.72b: GF-AAS

TEST RESULTS:

PESTICIDE RESIDUES

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
avermectin B1a	<0.20	-	mg/kg	KM 02	
abamectin (sum of avermectin B1a, avermectin B1b expressed as avermectin B1a)	<0.40	-	mg/kg	KM 02	
avermectin B1b	<0.20	-	mg/kg	KM 02	
acephate	<0.10	-	mg/kg	KM 02	
acetamiprid	<0.10	-	mg/kg	KM 02	
acetochlor	<0.20	-	mg/kg	KM 02	
aclonifen	<0.20	-	mg/kg	KM 02	
acrinathrin and its enantiomer	<0.20	-	mg/kg	KM 02	
alachlor	<0.20	-	mg/kg	KM 02	
aldicarb	<0.20	-	mg/kg	KM 02	
aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)	<0.40	-	mg/kg	KM 02	
aldicarb-sulfone	<0.10	-	mg/kg	KM 02	
aldicarb-sulfoxide	<0.10	-	mg/kg	KM 02	
aldrin	<0.50	-	mg/kg	KM 01	
aldrin and dieldrin (aldrin and dieldrin combined expressed as dieldrin)	<0.80	-	mg/kg	KM 01	
ametoctradin	<0.10	-	mg/kg	KM 02	
ametryn	<0.10	-	mg/kg	KM 02	
asulam	<0.10	-	mg/kg	KM 02	
atrazine	<0.10	-	mg/kg	KM 02	
azadirachtin	<0.50	-	mg/kg	KM 02	
azinphos-ethyl	<0.10	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
azinphos-methyl	<0.10	-	mg/kg	KM 02	
azoxystrobin	<0.10	-	mg/kg	KM 02	
benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	<0.10	-	mg/kg	KM 02	
bendiocarb	<0.10	-	mg/kg	KM 02	
benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18)	<0.60	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C8	<0.10	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C10	<0.10	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C12	<0.10	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C14	<0.10	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C16	<0.10	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C18	<0.10	-	mg/kg	KM 02	
benzovindiflupyr	<0.20	-	mg/kg	KM 02	
bifenthrin (sum of isomers)	<0.10	-	mg/kg	KM 02	
bitertanol (sum of isomers)	<0.20	-	mg/kg	KM 02	
bixafen	<0.10	-	mg/kg	KM 02	
boscalid	<0.10	-	mg/kg	KM 02	
bromacil	<0.10	-	mg/kg	KM 02	
bromophos-ethyl	<0.80	-	mg/kg	KM 01	
bromophos-methyl	<0.10	-	mg/kg	KM 01	
bromopropylate	<0.10	-	mg/kg	KM 01	
bromuconazole (sum of diastereoisomers)	<0.20	-	mg/kg	KM 02	
bupirimate	<0.10	-	mg/kg	KM 01	
buprofezin	<0.10	-	mg/kg	KM 02	
cadusafos	<0.10	-	mg/kg	KM 02	
carbaryl	<0.10	-	mg/kg	KM 02	
carbendazim	<0.10	-	mg/kg	KM 02	
carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim)	<0.10	-	mg/kg	KM 02	
carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran)	<0.20	-	mg/kg	KM 02	
carbofuran	<0.10	-	mg/kg	KM 02	
carbofuran 3-hydroxy	<0.10	-	mg/kg	KM 02	
furathiocarb	<0.10	-	mg/kg	KM 02	
carbophenothion	<0.20	-	mg/kg	KM 02	
carboxin	<0.10	-	mg/kg	KM 02	
chinomethionat (aka quinomethionate)	<0.10	-	mg/kg	KM 01	
chlordantraniliprole	<0.20	-	mg/kg	KM 02	
chlorbufam	<2.0	-	mg/kg	KM 02	
chlordanne (sum of cis- and trans-chlordanne)	<0.10	-	mg/kg	KM 01	
chlordanne, cis-isomer	<0.30	-	mg/kg	KM 01	
chlordanne, trans-isomer	<0.50	-	mg/kg	KM 01	
chlorfenapyr	<0.30	-	mg/kg	KM 01	
chlorfenvinphos	<0.10	-	mg/kg	KM 02	
chloridazon	<0.10	-	mg/kg	KM 02	
chlorobenzilate	<0.10	-	mg/kg	KM 01	
chlorothalonil	<0.50	-	mg/kg	KM 01	
chlorotoluron	<0.10	-	mg/kg	KM 02	
chloroxuron	<0.10	-	mg/kg	KM 02	
chlorpropham	<0.10	-	mg/kg	KM 01	
chlorpyrifos	<0.20	-	mg/kg	KM 02	
chlorpyrifos-methyl	<0.50	-	mg/kg	KM 01	
chlorsulfuron	<0.20	-	mg/kg	KM 02	
chlozolinate	<0.50	-	mg/kg	KM 01	
clofentezine	<0.10	-	mg/kg	KM 02	
clomazone	<0.10	-	mg/kg	KM 02	
clopyralid	<1.0	-	mg/kg	KM 02	
clothianidin	<0.20	-	mg/kg	KM 02	
cyanazine	<0.10	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
cyazofamid	<0.10	-	mg/kg	KM 02	
cycloxydim	<0.20	-	mg/kg	KM 02	
cyfluthrin, beta-isomer	<0.50	-	mg/kg	KM 01	
cymoxanil	<0.10	-	mg/kg	KM 02	
cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers))	<0.50	-	mg/kg	KM 01	
cyproconazole	<0.20	-	mg/kg	KM 02	
cyprodinil	<0.10	-	mg/kg	KM 02	
DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	<2.5	-	mg/kg	KM 01	
DDD, o,p'-isomer	<0.10	-	mg/kg	KM 01	
DDD (TDE), p,p'-isomer	<0.10	-	mg/kg	KM 01	
DDE, o,p'-isomer	<0.10	-	mg/kg	KM 01	
DDE, p,p'-isomer	<0.10	-	mg/kg	KM 01	
DDT, o,p'-isomer	<0.10	-	mg/kg	KM 01	
DDT, p,p'-isomer	<2.5	-	mg/kg	KM 01	
DEET	<0.20	-	mg/kg	KM 02	
deltamethrin (cis-deltamethrin)	<0.20	-	mg/kg	KM 02	
demeton-S-methyl	<0.10	-	mg/kg	KM 02	
desmedipham	<0.10	-	mg/kg	KM 02	
desmetryn	<0.10	-	mg/kg	KM 02	
diazinon	<0.10	-	mg/kg	KM 02	
dichlobenil	<0.10	-	mg/kg	KM 01	
dichlofluanid	<0.20	-	mg/kg	KM 02	
dichlofluanid metabolite: DMSA	<0.10	-	mg/kg	KM 02	
dichlormid	<0.10	-	mg/kg	KM 02	
dichlorvos	<0.10	-	mg/kg	KM 01	
diclofop-methyl	<0.10	-	mg/kg	KM 01	
dicloran	<0.50	-	mg/kg	KM 01	
dicrotophos	<0.10	-	mg/kg	KM 02	
didecyldimethylammonium chloride with alkyl chain lengths of C10	<0.10	-	mg/kg	KM 02	
dieldrin	<0.30	-	mg/kg	KM 01	
diethofencarb	<0.10	-	mg/kg	KM 02	
difenoconazole	<0.10	-	mg/kg	KM 02	
diflubenzuron	<0.20	-	mg/kg	KM 02	
diflufenican	<0.20	-	mg/kg	KM 02	
dimethachlor	<0.10	-	mg/kg	KM 02	
dimethenamid	<0.10	-	mg/kg	KM 02	
dimethoate	<0.10	-	mg/kg	KM 02	
dimethomorph (sum of isomers)	<0.10	-	mg/kg	KM 02	
dimoxystrobin	<0.10	-	mg/kg	KM 02	
diniconazole (sum of isomers)	<0.10	-	mg/kg	KM 02	
dinotefuran	<0.20	-	mg/kg	KM 02	
diphenylamine	<0.10	-	mg/kg	KM 01	
disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton)	<0.40	-	mg/kg	KM 02	
disulfoton	<0.20	-	mg/kg	KM 02	
disulfoton-sulfone	<0.10	-	mg/kg	KM 02	
disulfoton-sulfoxide	<0.10	-	mg/kg	KM 02	
diuron	<0.20	-	mg/kg	KM 02	
dodine	<0.20	-	mg/kg	KM 02	
endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expresses as endosulfan)	<2.5	-	mg/kg	KM 01	
endosulfan alpha-isomer	<1.0	-	mg/kg	KM 01	
endosulfan beta-isomer	<1.0	-	mg/kg	KM 01	
EPN	<0.50	-	mg/kg	KM 02	
endrin	<0.50	-	mg/kg	KM 01	
epoxiconazole	<0.10	-	mg/kg	KM 02	
ethametsulfuron-methyl	<0.10	-	mg/kg	KM 02	
ethiofencarb	<0.10	-	mg/kg	KM 02	
ethion	<0.10	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
ethirimol	<0.10	-	mg/kg	KM 02	
ethofumesate	<0.10	-	mg/kg	KM 02	
ethoprophos	<0.10	-	mg/kg	KM 01	
etofenprox	<0.10	-	mg/kg	KM 02	
etoxazole	<0.10	-	mg/kg	KM 02	
etrimfos	<0.10	-	mg/kg	KM 02	
famoxadone	<0.20	-	mg/kg	KM 02	
fenamidone	<0.10	-	mg/kg	KM 01	
fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos)	<0.30	-	mg/kg	KM 02	
fenamiphos	<0.10	-	mg/kg	KM 02	
fenamiphos-sulfone	<0.10	-	mg/kg	KM 02	
fenamiphos-sulfoxide	<0.10	-	mg/kg	KM 02	
fenarimol	<0.10	-	mg/kg	KM 01	
fenazaquin	<0.10	-	mg/kg	KM 02	
fenbuconazole (sum of constituent enantiomers)	<0.10	-	mg/kg	KM 02	
fenbutatin oxide	<0.20	-	mg/kg	KM 02	
fenchlorphos	<1.0	-	mg/kg	KM 01	
fenhexamid	<0.20	-	mg/kg	KM 02	
fenitrothion	<0.10	-	mg/kg	KM 01	
fenoxaprop - P	<0.50	-	mg/kg	KM 02	
fenoxaprop-P-ethyl	<0.10	-	mg/kg	KM 02	
fenoxycarb	<0.10	-	mg/kg	KM 02	
fenpropathrin	<0.20	-	mg/kg	KM 02	
fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin)	<0.10	-	mg/kg	KM 02	
fenpropimorph (sum of isomers)	<0.10	-	mg/kg	KM 02	
fenpyrazamine	<0.10	-	mg/kg	KM 02	
fenpyroximate	<0.10	-	mg/kg	KM 02	
fensulfothion	<0.10	-	mg/kg	KM 02	
fensulfothion oxon	<0.10	-	mg/kg	KM 02	
fensulfothion PO-sulfone	<0.10	-	mg/kg	KM 02	
fensulfothion sulfone	<0.10	-	mg/kg	KM 02	
fenthion	<0.20	-	mg/kg	KM 02	
fenthion (fenthion and its oxygen analogue, their sulfoxides and sulfone expressed as parent)	<0.70	-	mg/kg	KM 02	
fenthion-oxon	<0.10	-	mg/kg	KM 02	
fenthion-oxon-sulfone	<0.10	-	mg/kg	KM 02	
fenthion-oxon-sulfoxide	<0.10	-	mg/kg	KM 02	
fenthion-sulfone	<0.10	-	mg/kg	KM 02	
fenthion-sulfoxide	<0.10	-	mg/kg	KM 02	
fentin (fentin including its salts, expressed as triphenyltin cation)	<0.10	-	mg/kg	KM 02	
fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR))	<0.50	-	mg/kg	KM 01	
fipronil	<0.20	-	mg/kg	KM 02	
flonicamid	<0.20	-	mg/kg	KM 02	
florasulam	<0.10	-	mg/kg	KM 02	
fluacrypyrim	<0.10	-	mg/kg	KM 02	
fluazifop	<0.20	-	mg/kg	KM 02	
fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	<0.20	-	mg/kg	KM 02	
fluazifop-P-butyl	<0.10	-	mg/kg	KM 02	
flucythrinate	<0.20	-	mg/kg	KM 02	
fludioxonil	<0.30	-	mg/kg	KM 01	
flufenacet	<0.10	-	mg/kg	KM 02	
flufenoxuron	<0.10	-	mg/kg	KM 02	
flumioxazine	<0.20	-	mg/kg	KM 02	
fluopicolide	<0.10	-	mg/kg	KM 02	
fluopyram	<0.10	-	mg/kg	KM 02	
fluoxastrobin (sum of fluoxastrobin and its Z-isomer)	<0.10	-	mg/kg	KM 02	
fluquinconazole	<0.20	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
flurochloridone (sum of cis- and trans- isomers)	<0.10	-	mg/kg	KM 02	
fluroxypyr	<0.50	-	mg/kg	KM 02	
fluroxypyr (sum of fluroxypyr, its salts, its esters, and its conjugates, expressed as fluroxypyr)	<0.50	-	mg/kg	KM 02	
flusilazole	<0.10	-	mg/kg	KM 02	
flutolanil	<0.20	-	mg/kg	KM 02	
flutriafol	<0.20	-	mg/kg	KM 02	
fluvalinate (sum of isomers) resulting from the use of tau-fluvalinate	<0.10	-	mg/kg	KM 02	
fluxapyroxad	<0.10	-	mg/kg	KM 02	
fonofos	<0.30	-	mg/kg	KM 01	
foramsulfuron	<0.20	-	mg/kg	KM 02	
formetanate: sum of formetanate and its salts expressed as formetanate(hydrochloride)	<0.10	-	mg/kg	KM 02	
formothion	<0.20	-	mg/kg	KM 02	
fosthiazate	<0.10	-	mg/kg	KM 02	
haloxyfop	<0.20	-	mg/kg	KM 02	
haloxyfop (sum of haloxyfop, its esters, salts and conjugates expressed as haloxyfop (sum of the R- and S- isomers at any ratio))	<0.20	-	mg/kg	KM 02	
haloxyfop-ethoxyethyl	<0.10	-	mg/kg	KM 02	
haloxyfop-methyl	<0.10	-	mg/kg	KM 02	
heptachlor	<0.50	-	mg/kg	KM 01	
heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	<1.0	-	mg/kg	KM 01	
heptachlorepoide cis	<0.50	-	mg/kg	KM 01	
heptachlorepoide trans	<0.50	-	mg/kg	KM 01	
heptenophos	<0.10	-	mg/kg	KM 01	
hexachlorobenzene	<0.10	-	mg/kg	KM 01	
hexachlorocyclohexane (HCH), alpha-isomer	<0.30	-	mg/kg	KM 01	
hexachlorocyclohexane (HCH), beta-isomer	<0.50	-	mg/kg	KM 01	
hexachlorocyclohexane (HCH), delta-isomer	<0.30	-	mg/kg	KM 01	
hexaconazole	<0.20	-	mg/kg	KM 02	
hexazinone	<0.10	-	mg/kg	KM 02	
hexythiazox (any ratio of constituent isomers)	<0.10	-	mg/kg	KM 02	
imazalil (any ratio of constituent isomers)	<0.10	-	mg/kg	KM 02	
imazamethabenz-methyl	<0.10	-	mg/kg	KM 02	
imazamox (sum of imazamox and its salts, expressed as imazamox)	<0.20	-	mg/kg	KM 02	
imazapyr	<0.10	-	mg/kg	KM 02	
imazaquin	<0.20	-	mg/kg	KM 02	
imazethapyr	<0.10	-	mg/kg	KM 02	
imazosulfuron	<0.20	-	mg/kg	KM 02	
imidacloprid	<0.10	-	mg/kg	KM 02	
indoxacarb (sum of indoxacarb and its R enantiomer)	<0.20	-	mg/kg	KM 02	
iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl)	<0.20	-	mg/kg	KM 02	
iprovalicarb	<0.10	-	mg/kg	KM 02	
isofenphos	<0.10	-	mg/kg	KM 02	
isofenphos-methyl	<0.10	-	mg/kg	KM 02	
isoprocarb	<0.20	-	mg/kg	KM 02	
isoprothiolane	<0.10	-	mg/kg	KM 02	
isoproturon	<0.10	-	mg/kg	KM 02	
isopyrazam	<0.10	-	mg/kg	KM 02	
kresoxim-methyl	<0.10	-	mg/kg	KM 01	
lenacil	<0.10	-	mg/kg	KM 02	
lindane (gamma-isomer of hexachlorocyclohexane (HCH))	<0.30	-	mg/kg	KM 01	
linuron	<0.10	-	mg/kg	KM 02	
lufenuron (any ratio of constituent isomers)	<0.20	-	mg/kg	KM 02	
malathion (sum of malathion and malaaxon expressed as malathion)	<0.20	-	mg/kg	KM 02	
malaaxon	<0.10	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
malathion	<0.10	-	mg/kg	KM 02	
mandipropamid (any ratio of constituent isomers)	<0.10	-	mg/kg	KM 02	
mecarbam	<0.10	-	mg/kg	KM 02	
mefenpyr-diethyl	<0.10	-	mg/kg	KM 02	
mepanipyrim	<0.10	-	mg/kg	KM 02	
mepanipyrim-2-hydroxypropyl	<0.10	-	mg/kg	KM 02	
mepronil	<0.10	-	mg/kg	KM 02	
metaflumizone (sum of E- and Z- isomers)	<0.20	-	mg/kg	KM 02	
metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers)	<0.10	-	mg/kg	KM 02	
metamitron-desamino	<0.10	-	mg/kg	KM 02	
metazachlor	<0.10	-	mg/kg	KM 02	
metconazole (sum of isomers)	<0.10	-	mg/kg	KM 02	
methacrifos	<0.10	-	mg/kg	KM 01	
methamidophos	<0.10	-	mg/kg	KM 02	
methidathion	<0.10	-	mg/kg	KM 02	
methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	<0.30	-	mg/kg	KM 02	
methiocarb	<0.10	-	mg/kg	KM 02	
methiocarb-sulfone	<0.10	-	mg/kg	KM 02	
methiocarb-sulfoxide	<0.10	-	mg/kg	KM 02	
methomyl	<0.20	-	mg/kg	KM 02	
methoxyfenozide	<0.10	-	mg/kg	KM 02	
metobromuron	<0.10	-	mg/kg	KM 02	
metolachlor	<0.10	-	mg/kg	KM 02	
metolcarb	<0.10	-	mg/kg	KM 02	
metominostrobin	<0.10	-	mg/kg	KM 02	
metosulam	<0.10	-	mg/kg	KM 02	
metoxuron	<0.10	-	mg/kg	KM 02	
metrafenone	<0.10	-	mg/kg	KM 02	
metribuzin	<0.20	-	mg/kg	KM 02	
metsulfuron-methyl	<0.20	-	mg/kg	KM 02	
mevinphos (sum of E- and Z-isomers)	<0.20	-	mg/kg	KM 02	
monocrotophos	<0.10	-	mg/kg	KM 02	
monolinuron	<0.10	-	mg/kg	KM 02	
monuron	<0.20	-	mg/kg	KM 02	
myclobutanil	<0.10	-	mg/kg	KM 02	
naled	<0.20	-	mg/kg	KM 02	
napropamide	<0.10	-	mg/kg	KM 02	
neburon	<0.10	-	mg/kg	KM 02	
nicosulfuron	<0.20	-	mg/kg	KM 02	
nitenpyram	<0.10	-	mg/kg	KM 02	
norflurazon	<0.10	-	mg/kg	KM 02	
omethoate	<0.10	-	mg/kg	KM 02	
oxadixyl	<0.10	-	mg/kg	KM 02	
oxamyl	<0.10	-	mg/kg	KM 02	
oxamyl-oxime	<0.10	-	mg/kg	KM 02	
oxychlordane	<1.0	-	mg/kg	KM 01	
oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl)	<0.20	-	mg/kg	KM 02	
oxydemeton-methyl	<0.10	-	mg/kg	KM 02	
oxydemeton-methyl metabolite: demethon-S-methylsulfone	<0.10	-	mg/kg	KM 02	
oxyfluorfen	<0.50	-	mg/kg	KM 02	
paclobutrazol (sum of constituent isomers)	<0.10	-	mg/kg	KM 02	
parathion	<1.0	-	mg/kg	KM 01	
paraoxon-ethyl	<2.5	-	mg/kg	KM 01	
parathion-methyl (sum of parathion-methyl and paraoxon-methyl expressed as parathion-methyl)	<2.5	-	mg/kg	KM 01	
parathion-methyl	<1.0	-	mg/kg	KM 01	
penconazole (sum of constituent isomers)	<0.10	-	mg/kg	KM 02	
pencycuron	<0.10	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
pendimethalin	<0.20	-	mg/kg	KM 02	
penflufen (sum of isomers)	<0.10	-	mg/kg	KM 02	
penthiopyrad	<0.10	-	mg/kg	KM 02	
permethrin (sum of isomers)	<0.10	-	mg/kg	KM 02	
pethoxamid	<0.10	-	mg/kg	KM 02	
phenmedipham	<0.10	-	mg/kg	KM 02	
phenothrin (phenothrin including other mixtures of constituent isomers (sum of isomers))	<0.10	-	mg/kg	KM 02	
phenthoate	<0.10	-	mg/kg	KM 02	
phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	<0.70	-	mg/kg	KM 02	
phorate	<0.20	-	mg/kg	KM 02	
phorate-oxon	<0.10	-	mg/kg	KM 02	
phorate-oxonsulfone	<0.10	-	mg/kg	KM 02	
phorate-oxonsulfoxide	<0.10	-	mg/kg	KM 02	
phorate-sulfone	<0.10	-	mg/kg	KM 02	
phorate-sulfoxide	<0.10	-	mg/kg	KM 02	
phosalone	<0.10	-	mg/kg	KM 01	
phosmet (phosmet and phosmet oxon expressed as phosmet)	<0.20	-	mg/kg	KM 02	
phosmet	<0.10	-	mg/kg	KM 02	
phosmet oxon	<0.10	-	mg/kg	KM 02	
phosphamidon	<0.10	-	mg/kg	KM 02	
phoxim	<0.10	-	mg/kg	KM 02	
picloram	<0.50	-	mg/kg	KM 02	
picolinafen	<0.10	-	mg/kg	KM 02	
picoxystrobin	<0.10	-	mg/kg	KM 02	
pinoxaden	<0.10	-	mg/kg	KM 02	
piperonyl butoxide	<0.10	-	mg/kg	KM 02	
pirimicarb	<0.10	-	mg/kg	KM 02	
pirimicarb desmethyl	<0.10	-	mg/kg	KM 02	
pirimiphos-ethyl	<0.10	-	mg/kg	KM 02	
pirimiphos-methyl	<0.10	-	mg/kg	KM 02	
prochloraz (sum of prochloraz, BTS 44595 (M201-04) and BTS 44596 (M201-03), expressed as prochloraz)	<0.30	-	mg/kg	KM 02	
prochloraz	<0.10	-	mg/kg	KM 02	
prochloraz metabolite: (BTS 44595)	<0.10	-	mg/kg	KM 02	
prochloraz metabolite: (BTS 44596)	<0.10	-	mg/kg	KM 02	
procymidone	<0.30	-	mg/kg	KM 01	
profenofos	<0.10	-	mg/kg	KM 02	
prometon	<0.10	-	mg/kg	KM 02	
prometryn	<0.10	-	mg/kg	KM 02	
propachlor	<0.10	-	mg/kg	KM 02	
propamocarb (sum of propamocarb and its salts, expressed as propamocarb)	<0.10	-	mg/kg	KM 02	
propaquizafop	<0.10	-	mg/kg	KM 02	
propargite	<0.10	-	mg/kg	KM 02	
propazine	<0.10	-	mg/kg	KM 02	
propham	<0.50	-	mg/kg	KM 01	
propiconazole (sum of isomers)	<0.20	-	mg/kg	KM 02	
propoxur	<0.10	-	mg/kg	KM 02	
propoxycarbazono	<0.20	-	mg/kg	KM 02	
propyzamide	<0.10	-	mg/kg	KM 02	
prosulfocarb	<0.10	-	mg/kg	KM 02	
prothioconazole: prothioconazole-desthio	<0.20	-	mg/kg	KM 02	
prothiofos	<0.10	-	mg/kg	KM 01	
pyraclostrobin	<0.10	-	mg/kg	KM 02	
pyrazophos	<0.10	-	mg/kg	KM 01	
pyridaben	<0.10	-	mg/kg	KM 02	
pyridate	<0.10	-	mg/kg	KM 02	
pyrifenox	<0.10	-	mg/kg	KM 02	
pyrimethanil	<0.10	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
pyriproxyfen	<0.10	-	mg/kg	KM 02	
quinalphos	<0.10	-	mg/kg	KM 01	
quinclorac	<0.20	-	mg/kg	KM 02	
quinmerac	<0.10	-	mg/kg	KM 02	
quinochlorac	<0.10	-	mg/kg	KM 02	
quinoxifen	<0.10	-	mg/kg	KM 02	
quintozene (sum of quintozene and pentachloro-aniline expressed as quintozene)	<0.30	-	mg/kg	KM 01	
quintozene	<0.30	-	mg/kg	KM 01	
quizalofop-P	<0.20	-	mg/kg	KM 02	
quizalofop-P-ethyl	<0.10	-	mg/kg	KM 02	
rimsulfuron	<0.20	-	mg/kg	KM 02	
rotenone	<0.20	-	mg/kg	KM 02	
simazine	<0.10	-	mg/kg	KM 02	
simetryn	<0.10	-	mg/kg	KM 02	
spinosad (spinosad, sum of spinosyn A and spinosyn D)	<0.40	-	mg/kg	KM 02	
spinosyn A	<0.20	-	mg/kg	KM 02	
spinosyn D	<0.20	-	mg/kg	KM 02	
spirodiclofen	<0.20	-	mg/kg	KM 02	
spiromesifen	<0.20	-	mg/kg	KM 02	
spirotetramat and spirotetramat-enol (sum of), expressed as spirotetramat	<0.20	-	mg/kg	KM 02	
spirotetramat	<0.10	-	mg/kg	KM 02	
spirotetramat metabolite: BYI08330-enol	<0.20	-	mg/kg	KM 02	
spirotetramat metabolite:BYI08330 enol-glucoside	<0.20	-	mg/kg	KM 02	
spirotetramat metabolite:BYI08330-ketohydroxy	<0.20	-	mg/kg	KM 02	
spirotetramat metabolite:BYI08330-monohydroxy	<0.20	-	mg/kg	KM 02	
spiroxamine (sum of isomers)	<0.10	-	mg/kg	KM 02	
sulfosulfuron	<0.10	-	mg/kg	KM 02	
sulfotep	<0.10	-	mg/kg	KM 01	
tebuconazole	<0.10	-	mg/kg	KM 01	
tebufenozide	<0.10	-	mg/kg	KM 02	
tebufenpyrad	<0.10	-	mg/kg	KM 02	
tecnazene	<0.10	-	mg/kg	KM 01	
teflubenzuron	<0.50	-	mg/kg	KM 02	
tefluthrin (tefluthrin including other mixtures of constituent isomers (sum of isomers))	<0.10	-	mg/kg	KM 01	
tepraloxydim	<0.20	-	mg/kg	KM 02	
terbufos	<0.10	-	mg/kg	KM 01	
terbufos-sulfone	<0.10	-	mg/kg	KM 02	
terbufos-sulfoxide	<0.10	-	mg/kg	KM 02	
terbuthylazine	<0.10	-	mg/kg	KM 02	
terbutryn	<0.10	-	mg/kg	KM 02	
tetraconazole (sum of constituent isomers)	<0.20	-	mg/kg	KM 02	
tetradifon	<0.10	-	mg/kg	KM 01	
tetramethrin	<0.20	-	mg/kg	KM 02	
thiabendazole	<0.10	-	mg/kg	KM 02	
thiacloprid	<0.10	-	mg/kg	KM 02	
thiamethoxam	<0.20	-	mg/kg	KM 02	
thifensulfuron-methyl	<0.20	-	mg/kg	KM 02	
thiodicarb	<0.20	-	mg/kg	KM 02	
thiometon	<0.50	-	mg/kg	KM 01	
tolclofos-methyl	<0.30	-	mg/kg	KM 01	
tolfenpyrad	<0.10	-	mg/kg	KM 02	
tolyfluanid (sum of tolyfluanid and dimethylaminosulfotoluidide expressed as tolyfluanid)	<0.50	-	mg/kg	KM 02	
tolyfluanid	<0.20	-	mg/kg	KM 02	
tolyfluanid metabolite: dimethylaminosulfotoluidide (DMST)	<0.20	-	mg/kg	KM 02	
triadimefon	<0.30	-	mg/kg	KM 01	
triadimenol (any ratio of constituent isomers)	<1.0	-	mg/kg	KM 01	
triasulfuron	<0.10	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
triazophos	<0.10	-	mg/kg	KM 01	
trichlorfon	<0.10	-	mg/kg	KM 02	
tricyclazole	<0.10	-	mg/kg	KM 02	
trifloxystrobin	<0.10	-	mg/kg	KM 02	
triflumuron	<0.20	-	mg/kg	KM 02	
trifluralin	<0.10	-	mg/kg	KM 01	
triforine	<0.20	-	mg/kg	KM 02	
trinexapac ethyl	<0.20	-	mg/kg	KM 02	
triticonazole	<0.20	-	mg/kg	KM 02	
vamidothion	<0.10	-	mg/kg	KM 02	
vamidothion sulfone	<0.10	-	mg/kg	KM 02	
vamidothion sulfoxide	<0.10	-	mg/kg	KM 02	
vinclozolin	<0.50	-	mg/kg	KM 01	
zoxamide	<0.10	-	mg/kg	KM 02	
2-phenylphenol	<0.10	-	mg/kg	KM 01	

CANNABINOIDS

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
CBD (cannabidiol)	0.013	0.002	% weight	KM 21	
CBDA (cannabidiolic acid)	0.00065	0.00013	% weight	KM 21	
Δ^9 -THC (delta-9-tetrahydrocannabinol)	<0.00025	-	% weight	KM 21	
Δ^8 -THC (delta-8-tetrahydrocannabinol) Δ^9 -THC (delta-8-tetrahydrocannabinol)	<0.00025	-	% weight	KM 21	
Δ^9 -THCA-A (delta-9-tetrahydrocannabinolic acid-A)	<0.00025	-	% weight	KM 21	
Δ^9 -THCA-A (delta-8-tetrahydrocannabinolic acid A)	<0.00050	-	% weight	KM 21	
Δ^9 -THCV (delta-9-tetrahydrocannabivarinine)	0.0010	0.0002	% weight	KM 21	
Δ^9 -THCV (delta-8-tetrahydrocannabivarinine)	0.00075	0.00019	% weight	KM 21	
THCVA (tetrahydrocannabivarinic acid)	<0.00025	-	% weight	KM 21	
CBN (cannabinol)	10.1	0.8	% weight	KM 21	
CBNA (cannabinolic acid)	<0.00025	-	% weight	KM 21	
CBG (cannabigerol)	15.5	1.2	% weight	KM 21	
CBGA (cannabigerolinic acid)	<0.00025	-	% weight	KM 21	
CBDV (cannabidivarinine)	<0.00050	-	% weight	KM 21	
CBDVA (cannabidivarinic acid)	<0.00025	-	% weight	KM 21	
CBC (cannabichromene)	4.5	0.3	% weight	KM 21	
CBCA (cannabichromenic acid)	<0.00025	-	% weight	KM 21	
CBL (cannabicyclol)	<0.00050	-	% weight	KM 21	
CBLA (cannabicyclololic acid)	<0.00025	-	% weight	KM 21	
CBT (cannabicitran)	0.12	0.01	% weight	KM 21	
CBE (cannabielsoin)	<0.0025	-	% weight	KM 21	
CBDP (cannabidiphorol)	0.039	0.006	% weight	KM 21	
Δ^9 -THCP (delta-9-tetrahydrocannabiphorol)	10.01	0.4	% weight	KM 21	
CBDB (cannabidibutol)	<0.00050	-	% weight	KM 21	
Δ^9 -THCB (delta-9-tetrahydrocannabutol)	<0.00050	-	% weight	KM 21	
CBDH (cannabidihexol)	<0.00050	-	% weight	KM 21	
Δ^9 -THCH (delta-9-tetrahydrocannabihexol)	<0.00050	-	% weight	KM 21	
CBCV (cannabichromevarine)	<0.00050	-	% weight	KM 21	
CBCVA (cannabichromevarinic acid)	<0.00050	-	% weight	KM 21	
CBCO (cannabichromeorcin)	<0.00050	-	% weight	KM 21	
CBGAQ (cannabigerol quinone acid)	<0.00050	-	% weight	KM 21	
CBND (cannabinodiol)	0.0061	0.0009	% weight	KM 21	
CBV (cannabivarinine)	0.062	0.009	% weight	KM 21	
CBVA (cannabivarinic acid)	<0.00050	-	% weight	KM 21	
CBGV (cannabigerovarinine)	0.010	0.002	% weight	KM 21	
CBGVA (cannabigerivarinic acid)	<0.00050	-	% weight	KM 21	
(R)-HHC (9(R)-hexahydrocannabinol)	<0.00050	-	% weight	KM 21	
(S)-HHC (9(S)-hexahydrocannabinol)	<0.00050	-	% weight	KM 21	
CBGO (cannabigerorcine)	0.0034	0.0005	% weight	KM 21	
CBGOA (cannabigerorcinic acid)	<0.00050	-	% weight	KM 21	
CBGM (cannabigerol monomethyl ether)	0.0057	0.0008	% weight	KM 21	
CBNM (cannabinol monomethyl ether)	<0.00050	-	% weight	KM 21	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
CBGB (cannabigerobutol)	0.031	0.005	% weight	KM 21	
Δ^9 -THC equivalents (sum of Δ^9 -THC + Δ^9 -THCA-A x 0,877)	0.0001	0.0007	% weight	KM 21	
CBD equivalents (sum of CBD + CBDA x 0,877)	0.014	0.002	% weight	KM 21	
CBN equivalents (sum of CBN + CBNA x 0,876)	10.1	0.81	% weight	KM 21	
CBG equivalents (sum of CBG + CBGA x 0,878)	15.5	1.2	% weight	KM 21	
CBDV equivalents (sum of CBDV + CBDVA x 0,867)	<0.00050	-	% weight	KM 21	
CBC equivalents (sum of CBC + CBCA x 0,877)	4.5	0.3	% weight	KM 21	
THCV equivalents (sum of THCV + THCVA x 0,867)	0.0010	0.0002	% weight	KM 21	
CBCV equivalents (sum of CBCV + CBCVA x 0,867)	<0.00050	-	% weight	KM 21	
CBL equivalents (sum of CBL + CBLA x 0,877)	<0.00050	-	% weight	KM 21	
(R)-HHCP (9(R)-hexahydrocannabiphorol)	<0.00050	-	% weight	KM 21	
(S)-HHCP (9(S)-hexahydrocannabiphorol)	<0.00050	-	% weight	KM 21	
(R)-HHCPO (9(R)-hexahydrocannabiphorol acetate)	<0.00050	-	% weight	KM 21	
(S)-HHCPO (9(S)-hexahydrocannabiphorol acetate)	0.0012	0.0002	% weight	KM 21	
(R)-HHCO (9(R)-hexahydrocannabinol acetate)	19.1	1.2	% weight	KM 21	
(S)-HHCO (9(S)-hexahydrocannabinol acetate)	14.9	1.5	% weight	KM 21	
(R)-H4CBD (1(R)-tetrahydrocannabidiol)	<0.00050	-	% weight	KM 21	
(S)-H4CBD (1(S)-tetrahydrocannabidiol)	<0.00050	-	% weight	KM 21	
cis- Δ^9 -THC (cis-delta-9-tetrahydrocannabinol)	0.0055	0.0008	% weight	KM 21	
exo-THC (exo-tetrahydrocannabinol)	0.011	0.002	% weight	KM 21	

METALS

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
mercury	<0.001	-	mg/kg	SOP 70.4	S)
cadmium	<0.005	-	mg/kg	SOP 70.72	S)
lead	<0.05	-	mg/kg	SOP 70.72	S)
arsenic	<0.01	-	mg/kg	SOP 70.3	S)

* the sign "<" indicates that concentration is lower than this value, i.e. below the limit of quantitation (LOQ)

S) testing performed by subcontracting laboratory

Expanded uncertainty was calculated using coverage factor $k = 2$ corresponding to a coverage probability of approximately 95%.

Uncertainty was calculated and stated according to the ILAC G17:01(2021) and Kvalimetrie 11 (EURACHEM/CITAC 4). Uncertainty of sampling is not covered.

The results given herein apply only to the sample as received. This certificate shall not be reproduced except in full, without written approval of the Laboratory. The certificate does not substitute any other legal document. Laboratory is not responsible for information supplied by customer, if such information can affect the validity of results.

Appendix:

Date of issue: 23.11.2023

Digitálně podepsal prof. Ing. Vladimír Kocourek,
CSc. Datum: 2023.11.23 16:52:36 +01'00'

Prof. Dr. Jana Hajšlová, head of the laboratory

The end of Certificate