



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

Testing laboratory No. 1316.2 accredited by the CAI according to the EN ISO/IEC 17025:2018



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Test certificate ML: 528/24

print no.: ENG_230/24

Client: Dalibor Bryja
Pekařská 2803/67
746 01 Opava - Opava (nečleněná část města)
Česká republika

Sample received: 19.3.2024
Order no.: 19.3.2024
Sample description (client's): Kratom pure red

Testing item: kratom
packaging: polyethylene bag (PE)
quantity: 20 g

Date of testing: 19.03.2024 - 02.04.2024
Location of testing: facilities of the MZL UTC, Technická 1903/3, 166 28 Prague 6 - Dejvice
Testing methods used: KM 02: LC-MS/MS (EN 15662)

TEST RESULTS:

PESTICIDE RESIDUES

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
avermectin B1a	<0.020	-	mg/kg	KM 02	
acephate	<0.010	-	mg/kg	KM 02	
acetamiprid	<0.010	-	mg/kg	KM 02	
acetochlor	<0.020	-	mg/kg	KM 02	
aclonifen	<0.020	-	mg/kg	KM 02	
acrinathrin and its enantiomer	<0.020	-	mg/kg	KM 02	
alachlor	<0.020	-	mg/kg	KM 02	
aldicarb	<0.020	-	mg/kg	KM 02	
aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)	<0.040	-	mg/kg	KM 02	
aldicarb-sulfone	<0.010	-	mg/kg	KM 02	
aldicarb-sulfoxide	<0.010	-	mg/kg	KM 02	
ametoctradin	<0.010	-	mg/kg	KM 02	
ametryn	<0.010	-	mg/kg	KM 02	
asulam	<0.010	-	mg/kg	KM 02	
atrazine	<0.010	-	mg/kg	KM 02	
azadirachtin	<0.050	-	mg/kg	KM 02	
azinphos-ethyl	<0.010	-	mg/kg	KM 02	
azinphos-methyl	<0.010	-	mg/kg	KM 02	
azoxystrobin	<0.010	-	mg/kg	KM 02	
benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	<0.010	-	mg/kg	KM 02	
bendiocarb	<0.010	-	mg/kg	KM 02	
benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18)	<0.060	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C8	<0.010	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C10	<0.010	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C12	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
benzalkonium chloride with alkyl chain lengths of C14	<0.010	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C16	<0.010	-	mg/kg	KM 02	
benzalkonium chloride with alkyl chain lengths of C18	<0.010	-	mg/kg	KM 02	
benzovindiflupyr	<0.020	-	mg/kg	KM 02	
bifenthrin (sum of isomers)	<0.010	-	mg/kg	KM 02	
bitertanol (sum of isomers)	<0.020	-	mg/kg	KM 02	
bixafen	<0.010	-	mg/kg	KM 02	
boscalid	<0.010	-	mg/kg	KM 02	
bromacil	<0.010	-	mg/kg	KM 02	
bromuconazole (sum of diastereoisomers)	<0.020	-	mg/kg	KM 02	
bupirimate	<0.010	-	mg/kg	KM 02	
buprofezin	<0.010	-	mg/kg	KM 02	
cadusafos	<0.010	-	mg/kg	KM 02	
carbaryl	<0.010	-	mg/kg	KM 02	
carbendazim	<0.010	-	mg/kg	KM 02	
carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim)	<0.010	-	mg/kg	KM 02	
carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran)	<0.020	-	mg/kg	KM 02	
carbofuran	<0.010	-	mg/kg	KM 02	
carbofuran 3-hydroxy	<0.010	-	mg/kg	KM 02	
furathiocarb	<0.010	-	mg/kg	KM 02	
carbophenothion	<0.020	-	mg/kg	KM 02	
carboxin sulfone (oxycarboxin)	<0.010	-	mg/kg	KM 02	
carboxin-sulfoxide	<0.010	-	mg/kg	KM 02	
chlorantraniliprole	<0.020	-	mg/kg	KM 02	
chlorbufam	<0.20	-	mg/kg	KM 02	
chlorfenvinphos	<0.010	-	mg/kg	KM 02	
chlorfluazuron	<0.010	-	mg/kg	KM 02	
chloridazon	<0.010	-	mg/kg	KM 02	
chlorotoluron	<0.010	-	mg/kg	KM 02	
chloroxuron	<0.010	-	mg/kg	KM 02	
chlorpropham	<0.10	-	mg/kg	KM 02	
chlorpyrifos	<0.020	-	mg/kg	KM 02	
chlorpyrifos-methyl	<0.050	-	mg/kg	KM 02	
chlorsulfuron	<0.020	-	mg/kg	KM 02	
clofentezine	<0.010	-	mg/kg	KM 02	
clomazone	<0.010	-	mg/kg	KM 02	
clothianidin	<0.020	-	mg/kg	KM 02	
cyanazine	<0.010	-	mg/kg	KM 02	
cyazofamid	<0.010	-	mg/kg	KM 02	
cyflufenamid: sum of cyflufenamid (Z-isomer) and its E-isomer	<0.010	-	mg/kg	KM 02	
cyfluthrin, beta-isomer	<0.20	-	mg/kg	KM 02	
cyhalofop-butyl	<0.020	-	mg/kg	KM 02	
cymoxanil	<0.010	-	mg/kg	KM 02	
cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers))	0.18	0.05	mg/kg	KM 02	
cyphenothrin	<0.050	-	mg/kg	KM 02	
cyproconazole	<0.020	-	mg/kg	KM 02	
cyprodinil	<0.010	-	mg/kg	KM 02	
DEET	<0.020	-	mg/kg	KM 02	
deltamethrin (cis-deltamethrin)	<0.020	-	mg/kg	KM 02	
demeton-S-methyl	<0.010	-	mg/kg	KM 02	
desmedipham	<0.010	-	mg/kg	KM 02	
desmetryn	<0.010	-	mg/kg	KM 02	
diafenthiuron	<0.10	-	mg/kg	KM 02	
diazinon	<0.010	-	mg/kg	KM 02	
dichlofluanid	<0.020	-	mg/kg	KM 02	
dichlofluanid metabolite: DMSA	<0.010	-	mg/kg	KM 02	
dichlormid	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
dichlorvos	<0.020	-	mg/kg	KM 02	
diclofop-methyl	<0.020	-	mg/kg	KM 02	
dicrotophos	<0.010	-	mg/kg	KM 02	
didecyldimethylammonium chloride with alkyl chain lengths of C10	<0.010	-	mg/kg	KM 02	
diethofencarb	<0.010	-	mg/kg	KM 02	
difenoconazole	<0.010	-	mg/kg	KM 02	
diflubenzuron	<0.020	-	mg/kg	KM 02	
diflufenican	<0.020	-	mg/kg	KM 02	
dimethachlor	<0.010	-	mg/kg	KM 02	
dimethenamid	<0.010	-	mg/kg	KM 02	
dimethoate	<0.010	-	mg/kg	KM 02	
dimethomorph (sum of isomers)	<0.010	-	mg/kg	KM 02	
dimoxystrobin	<0.010	-	mg/kg	KM 02	
diniconazole (sum of isomers)	<0.010	-	mg/kg	KM 02	
dinotefuran	<0.020	-	mg/kg	KM 02	
disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton)	<0.040	-	mg/kg	KM 02	
disulfoton	<0.020	-	mg/kg	KM 02	
disulfoton-sulfone	<0.010	-	mg/kg	KM 02	
disulfoton-sulfoxide	<0.010	-	mg/kg	KM 02	
diuron	<0.020	-	mg/kg	KM 02	
dodine	<0.020	-	mg/kg	KM 02	
EPN	<0.050	-	mg/kg	KM 02	
epoxiconazole	<0.010	-	mg/kg	KM 02	
ethametsulfuron-methyl	<0.010	-	mg/kg	KM 02	
ethiofencarb	<0.010	-	mg/kg	KM 02	
ethion	<0.010	-	mg/kg	KM 02	
ethirimol	<0.010	-	mg/kg	KM 02	
ethofumesate	<0.010	-	mg/kg	KM 02	
ethoprophos	<0.010	-	mg/kg	KM 02	
etofenprox	<0.010	-	mg/kg	KM 02	
etoxazole	<0.010	-	mg/kg	KM 02	
etrimfos	<0.010	-	mg/kg	KM 02	
famoxadone	<0.020	-	mg/kg	KM 02	
fenamidone	<0.010	-	mg/kg	KM 02	
fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos)	<0.030	-	mg/kg	KM 02	
fenamiphos	<0.010	-	mg/kg	KM 02	
fenamiphos-sulfone	<0.010	-	mg/kg	KM 02	
fenamiphos-sulfoxide	<0.010	-	mg/kg	KM 02	
fenarimol	<0.050	-	mg/kg	KM 02	
fenazaquin	<0.010	-	mg/kg	KM 02	
fenbuconazole (sum of constituent enantiomers)	<0.010	-	mg/kg	KM 02	
fenbutatin oxide	<0.020	-	mg/kg	KM 02	
fenhexamid	<0.020	-	mg/kg	KM 02	
fenobucarb	<0.050	-	mg/kg	KM 02	
fenoxaprop - P	<0.050	-	mg/kg	KM 02	
fenoxaprop-P-ethyl	<0.010	-	mg/kg	KM 02	
fenoxycarb	<0.010	-	mg/kg	KM 02	
fenpropathrin	<0.020	-	mg/kg	KM 02	
fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin)	<0.010	-	mg/kg	KM 02	
fenpropimorph (sum of isomers)	<0.010	-	mg/kg	KM 02	
fenpyrazamine	<0.010	-	mg/kg	KM 02	
fenpyroximate	<0.010	-	mg/kg	KM 02	
fensulfothion	<0.010	-	mg/kg	KM 02	
fensulfothion oxon	<0.010	-	mg/kg	KM 02	
fensulfothion PO-sulfone	<0.010	-	mg/kg	KM 02	
fensulfothion sulfone	<0.010	-	mg/kg	KM 02	
fenthion	<0.020	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
fenthion (fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent)	<0.070	-	mg/kg	KM 02	
fenthion-oxon	<0.010	-	mg/kg	KM 02	
fenthion-oxon-sulfone	<0.010	-	mg/kg	KM 02	
fenthion-oxon-sulfoxide	<0.010	-	mg/kg	KM 02	
fenthion-sulfone	<0.010	-	mg/kg	KM 02	
fenthion-sulfoxide	<0.010	-	mg/kg	KM 02	
fipronil	<0.020	-	mg/kg	KM 02	
flonicamid	<0.020	-	mg/kg	KM 02	
florasulam	<0.010	-	mg/kg	KM 02	
fluacrypyrim	<0.010	-	mg/kg	KM 02	
fluazifop	<0.020	-	mg/kg	KM 02	
fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	<0.020	-	mg/kg	KM 02	
fluazifop-P-butyl	<0.010	-	mg/kg	KM 02	
flucythrinate	<0.010	-	mg/kg	KM 02	
flufenacet	<0.010	-	mg/kg	KM 02	
flufenoxuron	<0.010	-	mg/kg	KM 02	
flumioxazine	<0.020	-	mg/kg	KM 02	
fluopicolide	<0.010	-	mg/kg	KM 02	
fluopyram	<0.010	-	mg/kg	KM 02	
fluoxastrobin (sum of fluoxastrobin and its Z-isomer)	<0.010	-	mg/kg	KM 02	
fluquinconazole	<0.020	-	mg/kg	KM 02	
flurochloridone (sum of cis- and trans- isomers)	<0.010	-	mg/kg	KM 02	
fluroxypyr	<0.050	-	mg/kg	KM 02	
fluroxypyr (sum of fluroxypyr, its salts, its esters, and its conjugates, expressed as fluroxypyr)	<0.050	-	mg/kg	KM 02	
flusilazole	<0.010	-	mg/kg	KM 02	
flutolanil	<0.020	-	mg/kg	KM 02	
flutriafol	<0.020	-	mg/kg	KM 02	
fluvalinate (sum of isomers) resulting from the use of tau-fluvalinate	<0.010	-	mg/kg	KM 02	
fluxapyroxad	<0.010	-	mg/kg	KM 02	
fonofos	<0.050	-	mg/kg	KM 02	
foramsulfuron	<0.020	-	mg/kg	KM 02	
formetanate: sum of formetanate and its salts expressed as formetanate(hydrochloride)	<0.010	-	mg/kg	KM 02	
formothion	<0.020	-	mg/kg	KM 02	
fosthiazate	<0.010	-	mg/kg	KM 02	
haloxyfop	<0.020	-	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))	<0.020	-	mg/kg	KM 02	
haloxyfop-ethoxyethyl	<0.010	-	mg/kg	KM 02	
haloxyfop-methyl	<0.010	-	mg/kg	KM 02	
heptenophos	<0.010	-	mg/kg	KM 02	
hexaconazole	<0.020	-	mg/kg	KM 02	
hexazinone	<0.010	-	mg/kg	KM 02	
hexythiazox (any ratio of constituent isomers)	<0.010	-	mg/kg	KM 02	
imazalil (any ratio of constituent isomers)	<0.010	-	mg/kg	KM 02	
imazamethabenz-methyl	<0.010	-	mg/kg	KM 02	
imazamox (sum of imazamox and its salts, expressed as imazamox)	<0.020	-	mg/kg	KM 02	
imazapyr	<0.010	-	mg/kg	KM 02	
imazaquin	<0.020	-	mg/kg	KM 02	
imazethapyr	<0.010	-	mg/kg	KM 02	
imazosulfuron	<0.020	-	mg/kg	KM 02	
imidacloprid	<0.010	-	mg/kg	KM 02	
indoxacarb (sum of indoxacarb and its R enantiomer)	<0.020	-	mg/kg	KM 02	
iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl)	<0.020	-	mg/kg	KM 02	
ipconazole	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
iprovalicarb	<0.010	-	mg/kg	KM 02	
isocarbophos (ISO: isopropyl O-(methoxyaminothiophosphoryl)salicylate)	<0.50	-	mg/kg	KM 02	
isofenphos	<0.010	-	mg/kg	KM 02	
isofenphos-methyl	<0.010	-	mg/kg	KM 02	
isofetamid	<0.010	-	mg/kg	KM 02	
isoprocarb	<0.020	-	mg/kg	KM 02	
isoprothiolane	<0.010	-	mg/kg	KM 02	
isoproturon	<0.010	-	mg/kg	KM 02	
isopyrazam	<0.010	-	mg/kg	KM 02	
kresoxim-methyl	<0.010	-	mg/kg	KM 02	
lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers)	<0.10	-	mg/kg	KM 02	
lenacil	<0.010	-	mg/kg	KM 02	
linuron	<0.010	-	mg/kg	KM 02	
lufenuron (any ratio of constituent isomers)	<0.020	-	mg/kg	KM 02	
malathion (sum of malathion and malaoxon expressed as malathion)	<0.020	-	mg/kg	KM 02	
malaoxon	<0.010	-	mg/kg	KM 02	
malathion	<0.010	-	mg/kg	KM 02	
mandipropamid (any ratio of constituent isomers)	<0.010	-	mg/kg	KM 02	
mecarbam	<0.010	-	mg/kg	KM 02	
mefenpyr-diethyl	<0.010	-	mg/kg	KM 02	
mefentrifluconazole	<0.020	-	mg/kg	KM 02	
mepanipyrim	<0.010	-	mg/kg	KM 02	
mepanipyrim-2-hydroxypropyl	<0.010	-	mg/kg	KM 02	
mepronil	<0.010	-	mg/kg	KM 02	
metaflumizone (sum of E- and Z- isomers)	<0.020	-	mg/kg	KM 02	
metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers)	<0.010	-	mg/kg	KM 02	
metamitron	<0.010	-	mg/kg	KM 02	
metamitron-desamino	<0.010	-	mg/kg	KM 02	
metazachlor	<0.010	-	mg/kg	KM 02	
metconazole (sum of isomers)	<0.010	-	mg/kg	KM 02	
methacrifos	<0.050	-	mg/kg	KM 02	
methamidophos	<0.010	-	mg/kg	KM 02	
methidathion	<0.010	-	mg/kg	KM 02	
methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	<0.030	-	mg/kg	KM 02	
methiocarb	<0.010	-	mg/kg	KM 02	
methiocarb-sulfone	<0.010	-	mg/kg	KM 02	
methiocarb-sulfoxide	<0.010	-	mg/kg	KM 02	
methomyl	<0.020	-	mg/kg	KM 02	
methoxyfenozide	<0.010	-	mg/kg	KM 02	
metobromuron	<0.010	-	mg/kg	KM 02	
metolachlor	<0.010	-	mg/kg	KM 02	
metolcarb	<0.020	-	mg/kg	KM 02	
metominostrobin	<0.010	-	mg/kg	KM 02	
metoxuron	<0.010	-	mg/kg	KM 02	
metrafenone	<0.010	-	mg/kg	KM 02	
metribuzin	<0.020	-	mg/kg	KM 02	
metsulfuron-methyl	<0.020	-	mg/kg	KM 02	
molinate	<0.050	-	mg/kg	KM 02	
monocrotophos	<0.010	-	mg/kg	KM 02	
monolinuron	<0.010	-	mg/kg	KM 02	
monuron	<0.020	-	mg/kg	KM 02	
myclobutanil (sum of constituent isomers)	<0.010	-	mg/kg	KM 02	
naled	<0.020	-	mg/kg	KM 02	
napropamide (sum of isomers)	<0.010	-	mg/kg	KM 02	
neburon	<0.010	-	mg/kg	KM 02	
nicosulfuron	<0.020	-	mg/kg	KM 02	
nitenpyram	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
norflurazon	<0.010	-	mg/kg	KM 02	
novaluron (sum of constituent isomers)	<0.010	-	mg/kg	KM 02	
omethoate	<0.010	-	mg/kg	KM 02	
orthosulfamuron	<0.010	-	mg/kg	KM 02	
oxadiargyl	<0.010	-	mg/kg	KM 02	
oxadixyl	<0.010	-	mg/kg	KM 02	
oxamyl	<0.010	-	mg/kg	KM 02	
oxamyl-oxime	<0.010	-	mg/kg	KM 02	
oxasulfuron	<0.002	-	mg/kg	KM 02	
oxathiapiprolin	<0.010	-	mg/kg	KM 02	
oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl)	<0.020	-	mg/kg	KM 02	
oxydemeton-methyl	<0.010	-	mg/kg	KM 02	
oxydemeton-methyl metabolite: demethon-S-methylsulfone	<0.010	-	mg/kg	KM 02	
oxyfluorfen	<0.050	-	mg/kg	KM 02	
paclobutrazol (sum of constituent isomers)	<0.010	-	mg/kg	KM 02	
penconazole (sum of constituent isomers)	<0.010	-	mg/kg	KM 02	
pencycuron	<0.010	-	mg/kg	KM 02	
pendimethalin	<0.020	-	mg/kg	KM 02	
penflufen (sum of isomers)	<0.010	-	mg/kg	KM 02	
penoxsulam	<0.010	-	mg/kg	KM 02	
penthiopyrad	<0.010	-	mg/kg	KM 02	
permethrin (sum of isomers)	<0.010	-	mg/kg	KM 02	
pethoxamid	<0.010	-	mg/kg	KM 02	
phenmedipham	<0.010	-	mg/kg	KM 02	
phenothrin (phenothrin including other mixtures of constituent isomers (sum of isomers))	<0.010	-	mg/kg	KM 02	
phenthoate	<0.010	-	mg/kg	KM 02	
phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	<0.070	-	mg/kg	KM 02	
phorate	<0.020	-	mg/kg	KM 02	
phorate-oxon	<0.010	-	mg/kg	KM 02	
phorate-oxonsulfone	<0.010	-	mg/kg	KM 02	
phorate-oxonsulfoxide	<0.010	-	mg/kg	KM 02	
phorate-sulfone	<0.010	-	mg/kg	KM 02	
phorate-sulfoxide	<0.010	-	mg/kg	KM 02	
phosalone	<0.010	-	mg/kg	KM 02	
phosmet (phosmet and phosmet oxon expressed as phosmet)	<0.020	-	mg/kg	KM 02	
phosmet	<0.010	-	mg/kg	KM 02	
phosmet oxon	<0.010	-	mg/kg	KM 02	
phosphamidon	<0.010	-	mg/kg	KM 02	
phoxim	<0.010	-	mg/kg	KM 02	
picloram	<0.050	-	mg/kg	KM 02	
picolinafen	<0.010	-	mg/kg	KM 02	
picoxystrobin	<0.010	-	mg/kg	KM 02	
pinoxaden	<0.010	-	mg/kg	KM 02	
piperonyl butoxide	<0.010	-	mg/kg	KM 02	
pirimicarb	<0.010	-	mg/kg	KM 02	
pirimicarb desmethyl	<0.010	-	mg/kg	KM 02	
pirimiphos-ethyl	<0.010	-	mg/kg	KM 02	
pirimiphos-methyl	<0.010	-	mg/kg	KM 02	
prochloraz (sum of prochloraz, BTS 44595 (M201-04) and BTS 44596 (M201-03), expressed as prochloraz)	<0.040	-	mg/kg	KM 02	
prochloraz	<0.010	-	mg/kg	KM 02	
prochloraz metabolite: (BTS 44595)	<0.010	-	mg/kg	KM 02	
prochloraz metabolite: (BTS 44596)	<0.020	-	mg/kg	KM 02	
profenofos	<0.010	-	mg/kg	KM 02	
prometon	<0.010	-	mg/kg	KM 02	
prometryn	<0.010	-	mg/kg	KM 02	
propachlor	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
propamocarb (sum of propamocarb and its salts, expressed as propamocarb)	<0.010	-	mg/kg	KM 02	
propaquizafop	<0.010	-	mg/kg	KM 02	
propargite	<0.010	-	mg/kg	KM 02	
propazine	<0.010	-	mg/kg	KM 02	
propiconazole (sum of isomers)	<0.020	-	mg/kg	KM 02	
propoxur	<0.010	-	mg/kg	KM 02	
propyzamide	<0.010	-	mg/kg	KM 02	
proquinazid	<0.010	-	mg/kg	KM 02	
prosulfocarb	<0.010	-	mg/kg	KM 02	
prothioconazole: prothioconazole-desthio	<0.020	-	mg/kg	KM 02	
prothiofos	<0.10	-	mg/kg	KM 02	
pyraclostrobin	<0.010	-	mg/kg	KM 02	
pyrazophos	<0.010	-	mg/kg	KM 02	
pyrethrins	<0.020	-	mg/kg	KM 02	
pyridaben	<0.010	-	mg/kg	KM 02	
pyridalyl	<0.010	-	mg/kg	KM 02	
pyridate	<0.010	-	mg/kg	KM 02	
pyrifenox	<0.010	-	mg/kg	KM 02	
pyriofenone	<0.010	-	mg/kg	KM 02	
pyrimethanil	<0.010	-	mg/kg	KM 02	
pyriproxyfen	<0.010	-	mg/kg	KM 02	
quinalphos	<0.010	-	mg/kg	KM 02	
quinclorac	<0.020	-	mg/kg	KM 02	
quinmerac	<0.010	-	mg/kg	KM 02	
quinoclamine	<0.010	-	mg/kg	KM 02	
quinoxifen	<0.010	-	mg/kg	KM 02	
quizalofop (sum of quizalofop, its salts, its esters (including propaquizafop) and its conjugates, expressed as quizalofop (any ratio of constituent isomers))	<0.020	-	mg/kg	KM 02	
quizalofop-P	<0.020	-	mg/kg	KM 02	
quizalofop-P-ethyl	<0.010	-	mg/kg	KM 02	
resmethrin (resmethrin including other mixtures of constituent isomers (sum of isomers))	<0.020	-	mg/kg	KM 02	
rimsulfuron	<0.020	-	mg/kg	KM 02	
rotenone	<0.010	-	mg/kg	KM 02	
sedaxane (sum of isomers)	<0.010	-	mg/kg	KM 02	
simazine	<0.010	-	mg/kg	KM 02	
simetryn	<0.010	-	mg/kg	KM 02	
spinosad (spinosad, sum of spinosyn A and spinosyn D)	<0.040	-	mg/kg	KM 02	
spinosyn A	<0.020	-	mg/kg	KM 02	
spinosyn D	<0.020	-	mg/kg	KM 02	
spirodiclofen	<0.020	-	mg/kg	KM 02	
spiromesifen	<0.020	-	mg/kg	KM 02	
spirotetramat and spirotetramat-enol (sum of), expressed as spirotetramat	<0.020	-	mg/kg	KM 02	
spirotetramat	<0.010	-	mg/kg	KM 02	
spirotetramat metabolite: BYI08330-enol	<0.010	-	mg/kg	KM 02	
spirotetramat metabolite:BYI08330 enol-glucoside	<0.010	-	mg/kg	KM 02	
spirotetramat metabolite:BYI08330-ketohydroxy	<0.050	-	mg/kg	KM 02	
spirotetramat metabolite:BYI08330-monohydroxy	<0.010	-	mg/kg	KM 02	
spiroxamine (sum of isomers)	<0.010	-	mg/kg	KM 02	
sulfosulfuron	<0.010	-	mg/kg	KM 02	
sulfotep	<0.010	-	mg/kg	KM 02	
sulfoxaflor (sum of isomers)	<0.020	-	mg/kg	KM 02	
tebuconazole	<0.020	-	mg/kg	KM 02	
tebufenozide	<0.010	-	mg/kg	KM 02	
tebufenpyrad	<0.010	-	mg/kg	KM 02	
teflubenzuron	<0.050	-	mg/kg	KM 02	
temephos	<0.010	-	mg/kg	KM 02	
tepraloxydim	<0.020	-	mg/kg	KM 02	
terbufos	<0.010	-	mg/kg	KM 02	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
terbufos-sulfone	<0.010	-	mg/kg	KM 02	
terbufos-sulfoxide	<0.010	-	mg/kg	KM 02	
terbuthylazine	<0.010	-	mg/kg	KM 02	
terbutryn	<0.010	-	mg/kg	KM 02	
tetraconazole (sum of constituent isomers)	<0.020	-	mg/kg	KM 02	
tetramethrin	<0.020	-	mg/kg	KM 02	
thiabendazole	<0.010	-	mg/kg	KM 02	
thiacloprid	<0.010	-	mg/kg	KM 02	
thiamethoxam	<0.020	-	mg/kg	KM 02	
thifensulfuron-methyl	<0.020	-	mg/kg	KM 02	
thiodicarb	<0.020	-	mg/kg	KM 02	
thiometon	<0.20	-	mg/kg	KM 02	
thiophanate-methyl	<0.010	-	mg/kg	KM 02	
tolclofos-methyl	<0.10	-	mg/kg	KM 02	
tolfenpyrad	<0.010	-	mg/kg	KM 02	
tolylfluanid (sum of tolylfluanid and dimethylaminosulfotoluidide expressed as tolylfluanid)	<0.050	-	mg/kg	KM 02	
tolylfluanid	<0.020	-	mg/kg	KM 02	
tolylfluanid metabolite: dimethylaminosulfotoluidide (DMST)	<0.020	-	mg/kg	KM 02	
triadimefon	<0.10	-	mg/kg	KM 02	
triadimenol (any ratio of constituent isomers)	<0.10	-	mg/kg	KM 02	
triasulfuron	<0.010	-	mg/kg	KM 02	
triazophos	<0.010	-	mg/kg	KM 02	
trichlorfon	<0.010	-	mg/kg	KM 02	
tricyclazole	<0.010	-	mg/kg	KM 02	
trifloxystrobin	<0.010	-	mg/kg	KM 02	
triflumuron	<0.020	-	mg/kg	KM 02	
triforine	<0.020	-	mg/kg	KM 02	
trinexapac ethyl	<0.020	-	mg/kg	KM 02	
triticonazole	<0.020	-	mg/kg	KM 02	
tritosulfuron	<0.020	-	mg/kg	KM 02	
valifenalate	<0.010	-	mg/kg	KM 02	
vamidothion	<0.010	-	mg/kg	KM 02	
vamidothion sulfone	<0.020	-	mg/kg	KM 02	
vamidothion sulfoxide	<0.010	-	mg/kg	KM 02	
zoxamide	<0.010	-	mg/kg	KM 02	

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

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: 2.4.2024

Digitálně podepsal prof. Ing. Vladimír Kocourek, CSc.

Datum: 2024.04.02 16:29:40 +02'00'

Prof. Dr. Jana Hajšlová, head of the laboratory

The end of Certificate

FITNESS