



Vysoká škola chemicko-technologická v Praze
Metrologická a zkušební laboratoř VŠCHT Praha

zkušební laboratoř . 1316.2 akreditovaná IA dle SN EN ISO/IEC 17025:2018



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Protokol o zkouškách ML: 924/24

číslo tisku: 608/24

Zákazník:

Datum přijmu vzorku laboratoř: 30.4.2024
Objednávka: 30.4.2024
Označení vzorku zákazníkem: Kratom

Podmínky zkoušení - popis vzorku: Kratom
obal: sáček papírový
stav: doručeno bez zjevného poškození
množství: 50 g

Datum provedení zkoušek: 30.04.2024 - 13.05.2024
Místo provedení zkoušek: prostory MZL VŠCHT, Technická 1903/3, 166 28 Praha 6 - Dejvice
Zkušební metody:
KM 01: GC-MS (EN 15662)
KM 02: LC-MS/MS (EN 15662)
KM 06: LC-MS/MS
KM 20: LC-MS

VÝSLEDKY ZKOUŠEK:

REZIDUA PESTICID

Analyt	Výsledek*	Rozšířená nejistota	Jednotky	Zkušební metoda	Specifikace Poznámka
avermectin B1a	<0,020	-	mg/kg	KM 02	-
abamectin (sum of avermectin B1a, avermectin B1b expressed as avermectin B1a)	<0,040	-	mg/kg	KM 02	-
avermectin B1b	<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	-
aldrin	<0,005	-	mg/kg	KM 01	-
aldrin and dieldrin (aldrin and dieldrin combined expressed as dieldrin)	<0,008	-	mg/kg	KM 01	-
ametoctradin	<0,010	-	mg/kg	KM 02	-
ametryn	<0,010	-	mg/kg	KM 02	-
anthraquinone	<0,020	-	mg/kg	KM 01	-
asulam	<0,010	-	mg/kg	KM 02	-
atrazine	<0,010	-	mg/kg	KM 02	-
azadirachtin	<0,050	-	mg/kg	KM 02	-
azinphos-ethyl	<0,003	-	mg/kg	KM 01	-
azinphos-methyl	<0,010	-	mg/kg	KM 01	-

Analyt	Výsledek*	Rozšířená nejistota	Jednotky	Zkušební metoda	Specifikace Poznámka
azoxystrobin	<0,005	-	mg/kg	KM 01	-
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	-
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)	<0,005	-	mg/kg	KM 01	-
biphenyl	<0,010	-	mg/kg	KM 01	-
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	-
bromophos-ethyl	<0,010	-	mg/kg	KM 01	-
bromophos-methyl	<0,001	-	mg/kg	KM 01	-
bromopropylate	<0,001	-	mg/kg	KM 01	-
bromuconazole (sum of diastereoisomers)	<0,020	-	mg/kg	KM 02	-
bupirimate	<0,001	-	mg/kg	KM 01	-
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	<0,010	-	mg/kg	KM 01	-
carboxin sulfone (oxycarboxin)	<0,010	-	mg/kg	KM 02	-
carboxin-sulfoxide	<0,010	-	mg/kg	KM 02	-
chinomethionat (aka quinomethionate)	<0,001	-	mg/kg	KM 01	-
chlorantraniliprole	<0,020	-	mg/kg	KM 02	-
chlorbufam	<0,20	-	mg/kg	KM 02	-
chlordane (sum of cis- and trans-chlordane)	<0,010	-	mg/kg	KM 01	-
chlordane, cis-isomer	<0,003	-	mg/kg	KM 01	-
chlordane, trans-isomer	<0,005	-	mg/kg	KM 01	-
chlorfenapyr	<0,003	-	mg/kg	KM 01	-
chlorfenvinphos	<0,003	-	mg/kg	KM 01	-
chlorfluazuron	<0,010	-	mg/kg	KM 02	-
chloridazon	<0,010	-	mg/kg	KM 02	-
chlorobenzilate	<0,001	-	mg/kg	KM 01	-
chlordecone	<0,050	-	mg/kg	KM 01	-
chlorothalonil	<0,005	-	mg/kg	KM 01	-
chlorotoluron	<0,010	-	mg/kg	KM 02	-
chloroxuron	<0,010	-	mg/kg	KM 02	-
chlorpropham	<0,10	-	mg/kg	KM 02	-
chlorpyrifos	<0,005	-	mg/kg	KM 01	-
chlorpyrifos-methyl	<0,005	-	mg/kg	KM 01	-
chlorsulfuron	<0,020	-	mg/kg	KM 02	-
chlozolinate	<0,010	-	mg/kg	KM 01	-
clofentezine	<0,010	-	mg/kg	KM 02	-
clomazone	<0,010	-	mg/kg	KM 02	-

Analyt	Výsledek*	Rozšířená nejistota	Jednotky	Zkušební metoda	Specifikace Poznámka
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	<0,005	-	mg/kg	KM 01	-
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))	0,40	0,10	mg/kg	KM 01	-
cyphenothrin	<0,050	-	mg/kg	KM 02	-
cyproconazole	<0,020	-	mg/kg	KM 02	-
cyprodinil	<0,003	-	mg/kg	KM 01	-
DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	<0,050	-	mg/kg	KM 01	-
DDD, o,p'-isomer	<0,001	-	mg/kg	KM 01	-
DDD (TDE), p,p'-isomer	<0,001	-	mg/kg	KM 01	-
DDE, o,p'-isomer	<0,001	-	mg/kg	KM 01	-
DDE, p,p'-isomer	<0,001	-	mg/kg	KM 01	-
DDT, o,p'-isomer	<0,001	-	mg/kg	KM 01	-
DDT, p,p'-isomer	<0,050	-	mg/kg	KM 01	-
DEET	<0,020	-	mg/kg	KM 02	-
deltamethrin (cis-deltamethrin)	<0,010	-	mg/kg	KM 01	-
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	<0,003	-	mg/kg	KM 01	-
dichlobenil	<0,001	-	mg/kg	KM 01	-
dichlofluanid	<0,010	-	mg/kg	KM 01	-
dichlofluanid metabolite: DMSA	<0,010	-	mg/kg	KM 02	-
dichlormid	<0,010	-	mg/kg	KM 02	-
dichlorvos	<0,001	-	mg/kg	KM 01	-
diclofop-methyl	<0,005	-	mg/kg	KM 01	-
dicloran	<0,005	-	mg/kg	KM 01	-
dicrotophos	<0,010	-	mg/kg	KM 02	-
didecyldimethylammonium chloride with alkyl chain lengths of C10	<0,010	-	mg/kg	KM 02	-
dieldrin	<0,003	-	mg/kg	KM 01	-
diethofencarb	<0,010	-	mg/kg	KM 02	-
difenoconazole	<0,005	-	mg/kg	KM 01	-
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	-
diphenylamine	<0,005	-	mg/kg	KM 01	-
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	-
empenthrin	<0,10	-	mg/kg	KM 02	-
endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan)	<0,025	-	mg/kg	KM 01	-
endosulfan alpha-isomer	<0,010	-	mg/kg	KM 01	-

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endosulfan beta-isomer	<0,010	-	mg/kg	KM 01	-
endosulfan-sulphate	<0,003	-	mg/kg	KM 01	-
EPN	<0,050	-	mg/kg	KM 02	-
endrin	<0,005	-	mg/kg	KM 01	-
epoxiconazole	<0,010	-	mg/kg	KM 02	-
ethametsulfuron-methyl	<0,010	-	mg/kg	KM 02	-
ethiofencarb	<0,010	-	mg/kg	KM 02	-
ethion	<0,003	-	mg/kg	KM 01	-
ethirimol	<0,010	-	mg/kg	KM 02	-
ethofumesate	<0,010	-	mg/kg	KM 02	-
ethoprophos	<0,001	-	mg/kg	KM 01	-
etofenprox	<0,010	-	mg/kg	KM 02	-
etoxazole	<0,010	-	mg/kg	KM 02	-
etrimfos	<0,003	-	mg/kg	KM 01	-
famoxadone	<0,020	-	mg/kg	KM 02	-
fenamidone	<0,001	-	mg/kg	KM 01	-
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	<0,001	-	mg/kg	KM 01	-
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	-
fenchlorphos	<0,010	-	mg/kg	KM 01	-
fenhexamid	<0,020	-	mg/kg	KM 02	-
fenitrothion	<0,001	-	mg/kg	KM 01	-
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	<0,005	-	mg/kg	KM 01	-
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	-
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	-
fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR))	<0,005	-	mg/kg	KM 01	-
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	<0,003	-	mg/kg	KM 01	-
fludioxonil	<0,003	-	mg/kg	KM 01	-

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fluensulfon	<0,10	-	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	<0,003	-	mg/kg	KM 01	-
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	-
heptachlor	<0,005	-	mg/kg	KM 01	-
heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	<0,055	-	mg/kg	KM 01	-
heptachlorepoxyde cis	<0,025	-	mg/kg	KM 01	-
heptachlorepoxyde trans	<0,025	-	mg/kg	KM 01	-
heptenophos	<0,001	-	mg/kg	KM 01	-
hexachlorobenzene	<0,001	-	mg/kg	KM 01	-
hexachlorocyclohexane (HCH), alpha-isomer	<0,003	-	mg/kg	KM 01	-
hexachlorocyclohexane (HCH), beta-isomer	<0,005	-	mg/kg	KM 01	-
hexachlorocyclohexane (HCH), delta-isomer	<0,003	-	mg/kg	KM 01	-
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	-
iprodione	<0,005	-	mg/kg	KM 01	-
iprovalicarb	<0,010	-	mg/kg	KM 02	-
isocarbophos (ISO: isopropyl O-(methoxyaminothiophosphoryl)salicylate)	<0,50	-	mg/kg	KM 02	-
isofenphos	<0,005	-	mg/kg	KM 01	-
isofenphos-methyl	<0,010	-	mg/kg	KM 01	-

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isofetamid	<0,010	-	mg/kg	KM 02	-
isoprocab	<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	<0,001	-	mg/kg	KM 01	-
lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers)	0,083	0,029	mg/kg	KM 01	-
lenacil	<0,010	-	mg/kg	KM 02	-
lindane (gamma-isomer of hexachlorocyclohexane (HCH))	<0,003	-	mg/kg	KM 01	-
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	<0,005	-	mg/kg	KM 01	-
metconazole (sum of isomers)	<0,010	-	mg/kg	KM 02	-
methacrifos	<0,001	-	mg/kg	KM 01	-
methamidophos	<0,005	-	mg/kg	KM 01	-
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	-
methoxychlor	<0,025	-	mg/kg	KM 01	-
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	-
metosulam	<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	-
mevinphos (sum of E- and Z-isomers)	<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)	<0,003	-	mg/kg	KM 01	-
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	-
nitrofen	<0,003	-	mg/kg	KM 01	-

Analyt	Výsledek*	Rozšířená nejistota	Jednotky	Zkušební metoda	Specifikace Poznámka
norflurazon	<0,010	-	mg/kg	KM 02	-
novaluron (sum of constituent isomers)	<0,010	-	mg/kg	KM 02	-
nuarimol	<0,003	-	mg/kg	KM 01	-
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	<0,010	-	mg/kg	KM 02	-
oxathiapiprolin	<0,010	-	mg/kg	KM 02	-
oxychlorane	<0,025	-	mg/kg	KM 01	-
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: demeton-S-methylsulfone	<0,010	-	mg/kg	KM 02	-
oxyfluorfen	<0,025	-	mg/kg	KM 01	-
paclobutrazol (sum of constituent isomers)	<0,010	-	mg/kg	KM 02	-
parathion	<0,010	-	mg/kg	KM 01	-
paraoxon-ethyl	<0,10	-	mg/kg	KM 01	-
parathion-methyl	<0,025	-	mg/kg	KM 01	-
penconazole (sum of constituent isomers)	<0,005	-	mg/kg	KM 01	-
pencycuron	<0,010	-	mg/kg	KM 02	-
pendimethalin	<0,010	-	mg/kg	KM 01	-
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)	<0,005	-	mg/kg	KM 01	-
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	<0,004	-	mg/kg	KM 01	-
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	<0,001	-	mg/kg	KM 01	-
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	<0,003	-	mg/kg	KM 01	-
pirimiphos-methyl	<0,003	-	mg/kg	KM 01	-
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	-

Analyt	Výsledek*	Rozšířená nejistota	Jednotky	Zkušební metoda	Specifikace Poznámka
prochloraz metabolite: (BTS 44595)	<0,010	-	mg/kg	KM 02	-
prochloraz metabolite: (BTS 44596)	<0,020	-	mg/kg	KM 02	-
procymidone	<0,003	-	mg/kg	KM 01	-
profenofos	<0,005	-	mg/kg	KM 01	-
prometon	<0,010	-	mg/kg	KM 02	-
prometryn	<0,010	-	mg/kg	KM 02	-
propachlor	<0,010	-	mg/kg	KM 02	-
propamocarb (sum of propamocarb and its salts, expressed as propamocarb)	<0,010	-	mg/kg	KM 02	-
propaquizafop	<0,010	-	mg/kg	KM 02	-
propargite	<0,005	-	mg/kg	KM 01	-
propazine	<0,010	-	mg/kg	KM 02	-
propham	<0,010	-	mg/kg	KM 01	-
propiconazole (sum of isomers)	<0,020	-	mg/kg	KM 02	-
propoxur	<0,010	-	mg/kg	KM 02	-
propoxycarbazone	<0,020	-	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	<0,001	-	mg/kg	KM 01	-
pyraclostrobin	<0,010	-	mg/kg	KM 02	-
pyrazophos	<0,001	-	mg/kg	KM 01	-
pyrethrins	<0,020	-	mg/kg	KM 02	-
pyridaben	<0,003	-	mg/kg	KM 01	-
pyridalyl	<0,010	-	mg/kg	KM 02	-
pyridaphenthion	<0,005	-	mg/kg	KM 01	-
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	<0,005	-	mg/kg	KM 01	-
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	-
quintozene	<0,003	-	mg/kg	KM 01	-
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-mono-hydroxy	<0,010	-	mg/kg	KM 02	-

Analyt	Výsledek*	Rozšířená nejistota	Jednotky	Zkušební metoda	Specifikace Poznámka
spiroxamine (sum of isomers)	<0,010	-	mg/kg	KM 02	-
sulfosulfuron	<0,010	-	mg/kg	KM 02	-
sulfotep	<0,001	-	mg/kg	KM 01	-
sulfoxaflor (sum of isomers)	<0,020	-	mg/kg	KM 02	-
tebuconazole	<0,001	-	mg/kg	KM 01	-
tebufenozide	<0,010	-	mg/kg	KM 02	-
tebufenpyrad	<0,010	-	mg/kg	KM 02	-
tecnazene	<0,001	-	mg/kg	KM 01	-
teflubenzuron	<0,050	-	mg/kg	KM 02	-
tefluthrin (tefluthrin including other mixtures of constituent isomers (sum of isomers))	<0,001	-	mg/kg	KM 01	-
temephos	<0,010	-	mg/kg	KM 02	-
tepraloxym	<0,020	-	mg/kg	KM 02	-
terbufos	<0,001	-	mg/kg	KM 01	-
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)	<0,005	-	mg/kg	KM 01	-
tetradifon	<0,001	-	mg/kg	KM 01	-
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	<0,005	-	mg/kg	KM 01	-
thiophanate-methyl	<0,010	-	mg/kg	KM 02	-
tolclofos-methyl	<0,003	-	mg/kg	KM 01	-
tolfenpyrad	<0,010	-	mg/kg	KM 02	-
tolyfluanid (sum of tolyfluanid and dimethylaminosulfotoluidide expressed as tolyfluanid)	<0,050	-	mg/kg	KM 02	-
tolyfluanid	<0,020	-	mg/kg	KM 02	-
tolyfluanid metabolite: dimethylaminosulfotoluidide (DMST)	<0,020	-	mg/kg	KM 02	-
triadimefon	<0,003	-	mg/kg	KM 01	-
triadimenol (any ratio of constituent isomers)	<0,050	-	mg/kg	KM 01	-
triasulfuron	<0,010	-	mg/kg	KM 02	-
triazophos	<0,001	-	mg/kg	KM 01	-
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	-
trifluralin	<0,001	-	mg/kg	KM 01	-
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	-
vinclozolin	<0,005	-	mg/kg	KM 01	-
zoxamide	<0,010	-	mg/kg	KM 02	-
2-phenylphenol	<0,001	-	mg/kg	KM 01	-

MYKOTOXINY

Analyt	Výsledek*	Rozšířená nejistota	Jednotky	Zkušební metoda	Specifikace Poznámka
aflatoxin B1	<10	-	µg/kg	KM 06	-
aflatoxin B2	<5,0	-	µg/kg	KM 06	-
aflatoxin G1	<10	-	µg/kg	KM 06	-

Analyt	Výsledek*	Rozšířená nejistota	Jednotky	Zkušební metoda	Specifikace Poznámka
aflatoxin G2	<50	-	µg/kg	KM 06	-
deoxynivalenol	<200	-	µg/kg	KM 06	-
fumonisin B1	<100	-	µg/kg	KM 06	-
fumonisin B2	<100	-	µg/kg	KM 06	-
HT-2 toxin	<5,0	-	µg/kg	KM 06	-
ochratoxin A	<1,0	-	µg/kg	KM 06	-
patulin	<100	-	µg/kg	KM 06	-
T-2 toxin	<2,0	-	µg/kg	KM 06	-
zearalenone	<2,0	-	µg/kg	KM 06	-

DROGY

Analyt	Výsledek*	Rozšířená nejistota	Jednotky	Zkušební metoda	Specifikace Poznámka
mitragynin	13	2	mg/g	KM 20	-
7-hydroxymitragynin	0,062	0,012	mg/g	KM 20	-
mitraphyllin	<0,00050	-	mg/g	KM 20	-
speciogynin	1,9	0,3	mg/g	KM 20	-
speciociliatin	3,3	0,5	mg/g	KM 20	-
paynanthein	2,1	0,3	mg/g	KM 20	-

* pokud je před hodnotou znaménko "<" pak koncentrace je nižší nežli tato hodnota, tj. pod mezí stanovitelnosti (LOQ)

Uvedená rozšířená nejistota byla vypočtena s použitím koeficientu rozšíření $k=2$, což odpovídá hladině spolehlivosti přibližně 95 %.

Při vypočtení a uvádění nejistot se postupuje podle dokumentu ILAC G17:01(2021) a příručky Kvalimetrie 11 (EURACHEM/CITAC4).

Uváděné nejistoty nezahrnují nejistotu vzorkování.

Bez písemného souhlasu Metrologické a zkušební laboratoře nelze Protokol o zkouškách kopírovat jinak než celý.

Výsledky zkoušek se týkají pouze uvedeného zkušební vzorku, jak byl laboratoří přijat. Protokol o zkouškách nenahrazuje žádné jiné právní dokumenty. Laboratoř nenes odpovědnost za informace dodané zákazníkem, pokud mohou mít vliv na platnost výsledků.

Protokol o zkouškách vystaven v Praze dne: 13.5.2024

prof. Ing. Jana Hajšlová, CSc., vedoucí laboratoře

Konec protokolu