Vysoká škola chemicko-technologická v Praze
Metrologická a zkušební laboratoř
zkušební laboratoř 1316.2 akreditovaná ČIA, dle ČSN EN ISO/IEC 17025:2005
L 1316.2
Adresa: VŠCHT Praha, Technická 5, 166 28 Praha 6 (tel. : 220 443 185; 220 443 184; http://uapv.vscht.cz/mzl)

Protokol o zkouškách ML: 2194/18

Zákazník:	**Kyosun s.r.o.** Trmická 836/1 190 00 Praha 9
Datum příjmu vzorků laboratoří:	5.11.2018
Objednávka:	ze dne -
Označení vzorků zákazníkem:	**Matcha Tea, šarže RKY69H, sáček 1 x 200 g**
Kód vzorku v laboratoři: **ML**	**2194/18**
Předmět zkoušení - popis vzorku:	čaj matcha obal: PE sáček; celkem 307 g
Datum provedení zkoušek:	6.11.2018 – 16.11.2018
Zkušební metody:	KM 01: GC/MS; KM 02: LC-MS/MS (ČSN EN 15662:2009); KM 06: LC-MS/MS

Výsledky zkoušek:

Analyt	Koncentrace [mg/kg]	Rozšířená nejistota [mg/kg]	Zkušební metoda	Hodnocení výsledků**	Limitní hodnota [mg/kg]	Specifikace Poznámka
2,4,5-T	< 0,02*	-	KM 02^{ESI-}	X	-	-
2,4,5-T (sum of 2,4,5-T, its salts and esters, expressed as 2,4,5-T)	< 0,02*	-	KM 02^{ESI-}	X	-	-
2,4-D	< 0,02*	-	KM 02^{ESI-}	X	-	-
2,4-D (sum of 2,4-D, its salts, its esters and its conjugates, expressed as 2,4-D)	< 0,02*	-	KM 02^{ESI-}	X	-	-
2,4-DB	< 0,1*	-	KM 02^{ESI-}	X	-	-
2,4-DB (sum of 2,4-DB, its salts, its esters and its conjugates, expressed as 2,4-DB)	< 0,1*	-	KM 02^{ESI-}	X	-	-
2-naphthyloxyacetic acid	< 0,02*	-	KM 02^{ESI-}	X	-	-
2-phenylphenol	< 0,001*	-	KM 01	X	-	-
4-CPA (4-chlorophenoxyaceticacid = PCPA)	< 0,02*	-	KM 02^{ESI-}	X	-	-
abamectin (sum of avermectin B1a, avermectin B1b expressed as avermectin B1a)	< 0,04*	-	KM 02	X	-	-
acephate	< 0,01*	-	KM 02	X	-	-
acetamiprid	< 0,01*	-	KM 02	X	-	-
acetochlor	< 0,02*	-	KM 02	X	-	-
aclonifen	< 0,02*	-	KM 02	X	-	-
acrinathrin and its enantiomer	< 0,02*	-	KM 02	X	-	-
alachlor	< 0,02*	-	KM 02	X	-	-
aldicarb	< 0,02*	-	KM 02	X	-	-
aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb)	< 0,04*	-	KM 02	X	-	-
aldicarb-sulfone	< 0,01*	-	KM 02	X	-	-
aldicarb-sulfoxide	< 0,01*	-	KM 02	X	-	-
aldrin	< 0,005*	-	KM 01	X	-	-

aldrin and dieldrin (aldrin and dieldrin combined expressed as dieldrin)	< 0,008*	-	KM 01	X	-	-
ametoctradin	< 0,01*	-	KM 02	X	-	-
ametryn	< 0,01*	-	KM 02	X	-	-
asulam	< 0,01*	-	KM 02	X	-	-
atrazine	< 0,01*	-	KM 02	X	-	-
avermectin B1a	< 0,02*	-	KM 02	X	-	-
avermectin B1b	< 0,02*	-	KM 02	X	-	-
azadirachtin	< 0,05*	-	KM 02	X	-	-
azinphos-ethyl	< 0,003*	-	KM 01	X	-	-
azinphos-methyl	< 0,01*	-	KM 01	X	-	-
azoxystrobin	< 0,005*	-	KM 01	X	-	-
benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	< 0,01*	-	KM 02	X	-	-
bendiocarb	< 0,01*	-	KM 02	X	-	-
bentazone	< 0,01*	-	KM 02^{ESI-}	X	-	-
bentazone, 8-hydroxy	< 0,02*	-	KM 02ESI-	X	-	-
benzalkonium chloride with alkyl chain lengths of C10	< 0,01*	-	KM 02	X	-	-
benzalkonium chloride with alkyl chain lengths of C12	< 0,01*	-	KM 02	X	-	-
benzalkonium chloride with alkyl chain lengths of C14	< 0,01*	-	KM 02	X	-	-
benzalkonium chloride with alkyl chain lengths of C16	< 0,01*	-	KM 02	X	-	-
benzalkonium chloride with alkyl chain lengths of C18	< 0,01*	-	KM 02	X	-	-
benzalkonium chloride with alkyl chain lengths of C8	< 0,01*	-	KM 02	X	-	-
benzalkonium chloride (mixture of alkylbenzyldimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18)	< 0,06*	-	KM 02	X	-	-
benzovindiflupyr	< 0,02*	-	KM 02	X	-	-
bifenthrin (sum of isomers)	< 0,005*	-	KM 01	X	-	-
bitertanol (sum of isomers)	< 0,02*	-	KM 02	X	-	-
bixafen	< 0,01*	-	KM 02	X	-	-
boscalid	< 0,01*	-	KM 02	X	-	-
bromacil	< 0,01*	-	KM 02	X	-	-
bromophos-ethyl	< 0,01*	-	KM 01	X	-	-
bromopropylate	< 0,001*	-	KM 01	X	-	-
bromoxynil and its salts, expressed as bromoxynil	< 0,01*	-	KM 02^{ESI-}	X	-	-
bromuconazole (sum of diasteroisomers)	< 0,02*	-	KM 02	X	-	-
bupirimate	< 0,001*	-	KM 01	X	-	-
buprofezin	< 0,01*	-	KM 02	X	-	-
cadusafos	< 0,01*	-	KM 02	X	-	-
carbaryl	< 0,01*	-	KM 02	X	-	-
carbendazim	< 0,01*	-	KM 02	X	-	-
carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim)	< 0,01*	-	KM 02	X	-	-
carbofuran	< 0,01*	-	KM 02	X	-	-
carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran)	< 0,02*	-	KM 02	X	-	-
carbofuran 3-hydroxy	< 0,01*	-	KM 02	X	-	-
carbophenothion	< 0,01*	-	KM 01	X	-	-
clofentezine	< 0,01*	-	KM 02	X	-	-
clomazone	< 0,01*	-	KM 02	X	-	-
cloprop	< 0,02*	-	KM 02^{ESI-}	X	-	-

clothianidin	< 0,02*	-	KM 02	X	-	-
cyanazine	< 0,01*	-	KM 02	X	-	-
cyazofamid	< 0,01*	-	KM 02	X	-	-
cyfluthrin, beta-isomer	< 0,005*	-	KM 01	X	-	-
cymoxanil	< 0,01*	-	KM 02	X	-	-
cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers))	< 0,005*	-	KM 01	X	-	-
cyproconazole	< 0,02*	-	KM 02	X	-	-
cyprodinil	< 0,003*	-	KM 01	X	-	-
DDD (TDE), p,p´-isomer	< 0,001*	-	KM 01	X	-	-
DDD, o,p'-isomer	< 0,001*	-	KM 01	X	-	-
DDE, o,p'-isomer	< 0,001*	-	KM 01	X	-	-
DDE, p-p´-isomer	< 0,001*	-	KM 01	X	-	-
DDT (sum of p,p´-DDT, o,p´-DDT, p-p´-DDE and p,p´-TDE (DDD) expressed as DDT)	< 0,05*	-	KM 01	X	-	-
DDT, o,p´-isomer	< 0,001*	-	KM 01	X	-	-
DDT, p,p´-isomer	< 0,05*	-	KM 01	X	-	-
DEET	< 0,02*	-	KM 02	X	-	-
deltamethrin (cis-deltamethrin)	< 0,01*	-	KM 01	X	-	-
demeton-S-methyl	< 0,01*	-	KM 02	X	-	-
desmedipham	< 0,01*	-	KM 02	X	-	-
desmetryn	< 0,01*	-	KM 02	X	-	-
diafenthiuron	< 0,1*	-	KM 02	X	-	-
diazinon	< 0,003*	-	KM 01	X	-	-
diclofop-methyl	< 0,001*	-	KM 01	X	-	-
dicloran	< 0,005*	-	KM 01	X	-	-
dicrotophos	< 0,01*	-	KM 02	X	-	-
didecyldimethylammonium chloride with alkyl chain lengths of C10	< 0,01*	-	KM 02	X	-	-
dieldrin	< 0,003*	-	KM 01	X	-	-
diethofencarb	< 0,01*	-	KM 02	X	-	-
difenoconazole	< 0,005*	-	KM 01	X	-	-
diflubenzuron	< 0,02*	-	KM 02	X	-	-
diflufenican	< 0,02*	-	KM 02	X	-	-
dichlobenil	< 0,001*	-	KM 01	X	-	-
dichlofluanid	< 0,01*	-	KM 01	X	-	-
dichlofluanid metabolite: DMSA	< 0,01*	-	KM 02	X	-	-
dichlormid	< 0,01*	-	KM 02	X	-	-
dichlorprop	< 0,01*	-	KM 02^{ESI-}	X	-	-
dichlorprop (sum of dichlorprop (including dichlorprop-P), its salts, esters and conjugates, expressed as dichlorprop	< 0,01*	-	KM 02^{ESI-}	X	-	-
dichlorvos	< 0,001*	-	KM 01	X	-	-
dimethachlor	< 0,01*	-	KM 02	X	-	-
dimethenamid	< 0,01*	-	KM 02	X	-	-
dimethoate	< 0,01*	-	KM 02	X	-	-
dimethomorph (sum of isomers)	< 0,01*	-	KM 02	X	-	-
dimoxystrobin	< 0,01*	-	KM 02	X	-	-
diniconazole (sum of isomers)	< 0,01*	-	KM 02	X	-	-
dinotefuran	< 0,02*	-	KM 02	X	-	-
diphenylamine	< 0,001*	-	KM 01	X	-	-
disulfoton	< 0,02*	-	KM 02	X	-	-
disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton)	< 0,04*	-	KM 02	X	-	-
disulfoton-sulfone	< 0,01*	-	KM 02	X	-	-
disulfoton-sulfoxide	< 0,01*	-	KM 02	X	-	-
dithianon	< 0,1*	-	KM 02ESI-	X	-	-
diuron	< 0,02*	-	KM 02	X	-	-
dodine	< 0,02*	-	KM 02	X	-	-
empenthrin	< 0,01*	-	KM 02	X	-	-

endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expresses as endosulfan)	< 0,025*	-	KM 01	X	-	-
endosulfan alpha-isomer	< 0,01*	-	KM 01	X	-	-
endosulfan beta-isomer	< 0,01*	-	KM 01	X	-	-
endosulfan-sulphate	< 0,003*	-	KM 01	X	-	-
endrin	< 0,005*	-	KM 01	X	-	-
EPN	< 0,05*	-	KM 02	X	-	-
epoxiconazole	< 0,01*	-	KM 02	X	-	-
ethametsulfuron-methyl	< 0,01*	-	KM 02	X	-	-
ethiofencarb	< 0,01*	-	KM 02	X	-	-
ethion	< 0,003*	-	KM 01	X	-	-
ethirimol	< 0,01*	-	KM 02	X	-	-
ethofumesate	< 0,01*	-	KM 02	X	-	-
ethoprophos	< 0,001*	-	KM 01	X	-	-
etofenprox	< 0,01*	-	KM 02	X	-	-
etoxazole	< 0,01*	-	KM 02	X	-	-
etrimfos	< 0,003*	-	KM 01	X	-	-
famoxadone	< 0,02*	-	KM 02	X	-	-
fenamidone	< 0,001*	-	KM 01	X	-	-
fenamiphos	< 0,01*	-	KM 02	X	-	-
fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos)	< 0,03*	-	KM 02	X	-	-
fenamiphos-sulfone	< 0,01*	-	KM 02	X	-	-
fenamiphos-sulfoxide	< 0,01*	-	KM 02	X	-	-
fenarimol	< 0,001*	-	KM 01	X	-	-
fenazaquin	< 0,01*	-	KM 02	X	-	-
fenbuconazole	< 0,01*	-	KM 02	X	-	-
fenbutatin oxide	< 0,02*	-	KM 02	X	-	-
fenhexamid	< 0,02*	-	KM 02	X	-	-
fenchlorphos	< 0,01*	-	KM 01	X	-	-
fenitrothion	< 0,001*	-	KM 01	X	-	-
fenoprop	< 0,02*	-	KM 02^{ESI-}	X	-	-
fenoxaprop - P	< 0,05*	-	KM 02	X	-	-
fenoxaprop-P-ethyl	< 0,01*	-	KM 02	X	-	-
fenoxycarb	< 0,005*	-	KM 01	X	-	-
fenpropathrin	< 0,02*	-	KM 02	X	-	-
fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin)	< 0,01*	-	KM 02	X	-	-
fenpropimorph (sum of isomers)	< 0,01*	-	KM 02	X	-	-
fenpyrazamine	< 0,01*	-	KM 02	X	-	-
fenpyroximate	< 0,01*	-	KM 02	X	-	-
fensulfothion	< 0,01*	-	KM 02	X	-	-
fensulfothion		-	KM 01	X	-	-
fensulfothion oxon	< 0,01*	-	KM 02	X	-	-
fensulfothion PO-sulfone	< 0,01*	-	KM 02	X	-	-
fensulfothion sulfone	< 0,01*	-	KM 02	X	-	-
fenthion	< 0,02*	-	KM 02	X	-	-
fenthion (fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent)	< 0,07*	-	KM 02	X	-	-
fenthion-oxon	< 0,01*	-	KM 02	X	-	-
fenthion-oxon-sulfone	< 0,01*	-	KM 02	X	-	-
fenthion-oxon-sulfoxide	< 0,01*	-	KM 02	X	-	-
fenthion-sulfone	< 0,01*	-	KM 02	X	-	-
fenthion-sulfoxide	< 0,01*	-	KM 02	X	-	-
fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR))	< 0,005*	-	KM 01	X	-	-
fipronil	< 0,02*	-	KM 02	X	-	-
fipronil (sum fipronil + sulfone metabolite (MB46136) expressed as fipronil)	< 0,04*	-	KM 02^{ESI-}	X	-	-
fipronil sulfone metabolite (MB46136)	< 0,02*	-	KM 02^{ESI-}	X	-	-
fipronil-desulfinyl	< 0,01*	-	KM 02ESI-	X	-	-

flonicamid	< 0,02*	-	KM 02	X	-	-
flonicamid metabolite: TFNA	< 0,5*	-	KM 02ESI-	X	-	-
flonicamid metabolite: TFNG	< 0,1*	-	KM 02ESI-	X	-	-
florasulam	< 0,01*	-	KM 02	X	-	-
fluacrypyrim	< 0,01*	-	KM 02	X	-	-
fluazifop	< 0,02*	-	KM 02	X	-	-
fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	< 0,02*	-	KM 02	X	-	-
fluazifop-p-butyl	< 0,01*	-	KM 02	X	-	-
fluazinam	< 0,01*	-	KM 02^{ESI-}	X	-	-
flubendiamide	< 0,01*	-	KM 02^{ESI-}	X	-	-
flucythrinate	< 0,003*	-	KM 01	X	-	-
fludioxonil	< 0,01*	-	KM 02^{ESI-}	X	-	-
fludioxonil	< 0,003*	-	KM 01	X	-	-
flufenacet	< 0,01*	-	KM 02	X	-	-
flufenoxuron	< 0,01*	-	KM 02	X	-	-
flumioxazine	< 0,02*	-	KM 02	X	-	-
fluopicolide	< 0,01*	-	KM 02	X	-	-
fluopyram	< 0,01*	-	KM 02	X	-	-
fluoxastrobin (sum of fluoxastrobin and its Z	< 0,01*	-	KM 02	X	-	-
fluquinconazole	< 0,02*	-	KM 02	X	-	-
flurochloridone	< 0,01*	-	KM 02	X	-	-
fluroxypyr	< 0,05*	-	KM 02	X	-	-
fluroxypyr (sum of fluroxypyr, its salts, its esters, and its conjugates, expressed as fluroxypyr)	< 0,05*	-	KM 02	X	-	-
flusilazole	< 0,01*	-	KM 02	X	-	-
flutolanil	< 0,02*	-	KM 02	X	-	-
flutriafol	< 0,02*	-	KM 02	X	-	-
fluxapyroxad	< 0,01*	-	KM 02	X	-	-
fomesafen	< 0,02*	-	KM 02^{ESI-}	X	-	-
fonofos	< 0,003*	-	KM 01	X	-	-
foramsulfuron	< 0,02*	-	KM 02	X	-	-
formetanate: sum of formetanate and its salts expressed as formetanate(hydrochloride)	< 0,01*	-	KM 02	X	-	-
formothion	< 0,02*	-	KM 02	X	-	-
fosthiazate	< 0,01*	-	KM 02	X	-	-
furathiocarb	< 0,01*	-	KM 02	X	-	-
haloxyfop	< 0,02*	-	KM 02	X	-	-
haloxyfop (Sum of haloxyfop, its esters, salts and conjugates expressed as haloxyfop (sum of the R- and S- isomers at any ratio))	< 0,04*	-	KM 02	X	-	-
haloxyfop-ethoxyethyl	< 0,01*	-	KM 02	X	-	-
haloxyfop-methyl	< 0,01*	-	KM 02	X	-	-
heptachlor	< 0,005*	-	KM 01	X	-	-
heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	< 0,05*	-	KM 01	X	-	-
heptachlorepoxide cis	< 0,025*	-	KM 01	X	-	-
heptachlorepoxide trans	< 0,025*	-	KM 01	X	-	-
heptenophos	< 0,001*	-	KM 01	X	-	-
hexaconazole	< 0,02*	-	KM 02	X	-	-
hexaflumuron	< 0,01*	-	KM 02^{ESI-}	X	-	-
hexachlorobenzene	< 0,001*	-	KM 01	X	-	-
hexachlorocyclohexane (HCH), alpha-isomer	< 0,003*	-	KM 01	X	-	-
hexachlorocyclohexane (HCH), beta-isomer	< 0,005*	-	KM 01	X	-	-
hexachlorocyclohexane (HCH), delta-isomer	< 0,003*	-	KM 01	X	-	-
hexazinone	< 0,01*	-	KM 02	X	-	-

hexythiazox	< 0,01*	-	KM 02	X	-	-
chinomethionat (aka quinomethionate)	< 0,001*	-	KM 01	X	-	-
chlorantraniliprole (DPX E-2Y45)	< 0,02*	-	KM 02	X	-	-
chlorbufam	< 0,2*	-	KM 02	X	-	-
chlordane (sum of cis- and trans-chlordane)	< 0,001*	-	KM 01	X	-	-
chlordane, cis-isomer	< 0,003*	-	KM 01	X	-	-
chlordane, trans-isomer	< 0,005*	-	KM 01	X	-	-
chlorfenapyr	< 0,003*	-	KM 01	X	-	-
chlorfenvinphos	< 0,003*	-	KM 01	X	-	-
chloridazon	< 0,01*	-	KM 02	X	-	-
chlorobenzilate	< 0,001*	-	KM 01	X	-	-
chlorothalonil	< 0,005*	-	KM 01	X	-	-
chlorotoluron	< 0,01*	-	KM 02	X	-	-
chloroxuron	< 0,01*	-	KM 02	X	-	-
chlorpropham	< 0,001*	-	KM 01	X	-	-
chlorpyrifos	< 0,005*	-	KM 01	X	-	-
chlorpyrifos-methyl	< 0,005*	-	KM 01	X	-	-
chlorsulfuron	< 0,02*	-	KM 02	X	-	-
chlozolinate	< 0,01*	-	KM 01	X	-	-
imazalil	< 0,01*	-	KM 02	X	-	-
imazamethabenz-methyl	< 0,01*	-	KM 02	X	-	-
imazamox (sum of imazamox and its salts, expressed as imazamo	< 0,02*	-	KM 02	X	-	-
imazapyr	< 0,01*	-	KM 02	X	-	-
imazaquin	< 0,02*	-	KM 02	X	-	-
imazethapyr	< 0,01*	-	KM 02	X	-	-
imazosulfuron	< 0,02*	-	KM 02	X	-	-
imidacloprid	< 0,01*	-	KM 02	X	-	-
indoxacarb (sum of indoxacarb and its R enantiomer)	< 0,02*	-	KM 02	X	-	-
iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl)	< 0,02*	-	KM 02	X	-	-
ioxynil	< 0,01*	-	KM 02^{ESI-}	X	-	-
ioxynil (sum of ioxynil, its salts and its esters, expressed as ioxynil)	< 0,01*	-	KM 02^{ESI-}	X	-	-
iprodione	< 0,005*	-	KM 01	X	-	-
iprovalicarb	< 0,01*	-	KM 02	X	-	-
isocarbophos (ISO: isopropyl O-(methoxyaminothiophosphoryl)salicylate)	< 0,5*	-	KM 02	X	-	-
isofenphos	< 0,005*	-	KM 01	X	-	-
isofenphos-methyl	< 0,01*	-	KM 01	X	-	-
isoprocarb	< 0,02*	-	KM 02	X	-	-
isoprothiolane	< 0,01*	-	KM 02	X	-	-
isoproturon	< 0,01*	-	KM 02	X	-	-
isopyrazam	< 0,01*	-	KM 02	X	-	-
kresoxim-methyl	< 0,001*	-	KM 01	X	-	-
lambda-cyhalothrin	< 0,003*	-	KM 01	X	-	-
lenacil	< 0,01*	-	KM 02	X	-	-
lindane (gamma-isomer of hexachlorocyclohexane (HCH))	< 0,003*	-	KM 01	X	-	-
linuron	< 0,01*	-	KM 02	X	-	-
lufenuron	< 0,02*	-	KM 02	X	-	-
malaoxon	< 0,01*	-	KM 02	X	-	-
malathion	< 0,01*	-	KM 02	X	-	-
malathion (sum of malathion and malaoxon expressed as malathion)	< 0,02*	-	KM 02	X	-	-
mandipropamid	< 0,01*	-	KM 02	X	-	-
MCPA	< 0,02*	-	KM 02^{ESI-}	X	-	-
MCPA and MCPB (MCPA, MCPB including their salts, esters and conjugates expressed as MCPA)	< 0,2*	-	KM 02^{ESI-}	X	-	-
MCPB	< 0,2*	-	KM 02^{ESI-}	X	-	-

mecarbam	< 0,01*	-	KM 02	X	-	-
mecoprop	< 0,02*	-	KM 02^{ESI-}	X	-	-
mefenpyr-diethyl	< 0,01*	-	KM 02	X	-	-
mepanipyrim	< 0,01*	-	KM 02	X	-	-
mepanipyrim-2-hydroxypropyl	< 0,01*	-	KM 02	X	-	-
mepronil	< 0,01*	-	KM 02	X	-	-
meptyldinocap	< 0,05*	-	KM 02^{ESI-}	X	-	-
metaflumizone (sum of E- and Z- isomers)	< 0,02*	-	KM 02	X	-	-
metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers)	< 0,01*	-	KM 02	X	-	-
metamitron	< 0,01*	-	KM 02	X	-	-
metamitron-desamino	< 0,01*	-	KM 02	X	-	-
metazachlor	< 0,005*	-	KM 01	X	-	-
metconazole (sum of isomers)	< 0,01*	-	KM 02	X	-	-
methacrifos	< 0,001*	-	KM 01	X	-	-
methamidophos	< 0,005*	-	KM 01	X	-	-
methidathion	< 0,01*	-	KM 02	X	-	-
methiocarb	< 0,01*	-	KM 02	X	-	-
methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)	< 0,03*	-	KM 02	X	-	-
methiocarb-sulfone	< 0,01*	-	KM 02	X	-	-
methiocarb-sulfoxide	< 0,01*	-	KM 02	X	-	-
methomyl	< 0,02*	-	KM 02	X	-	-
methoxyfenozide	< 0,01*	-	KM 02	X	-	-
methoxychlor	< 0,025*	-	KM 01	X	-	-
metobromuron	< 0,01*	-	KM 02	X	-	-
metolachlor	< 0,01*	-	KM 02	X	-	-
metolcarb	< 0,02*	-	KM 02	X	-	-
metominostrobin	< 0,01*	-	KM 02	X	-	-
metosulam	< 0,01*	-	KM 02	X	-	-
metoxuron	< 0,01*	-	KM 02	X	-	-
metrafenone	< 0,01*	-	KM 02	X	-	-
metribuzin	< 0,02*	-	KM 02	X	-	-
metsulfuron-methyl	< 0,02*	-	KM 02	X	-	-
mevinphos (sum of E- and Z-isomers)	< 0,02*	-	KM 02	X	-	-
monocrotophos	< 0,01*	-	KM 02	X	-	-
monolinuron	< 0,01*	-	KM 02	X	-	-
monuron	< 0,02*	-	KM 02	X	-	-
myclobutanil	< 0,003*	-	KM 01	X	-	-
naled	< 0,02*	-	KM 02	X	-	-
napropamide	< 0,01*	-	KM 02	X	-	-
neburon	< 0,01*	-	KM 02	X	-	-
nicosulfuron	< 0,02*	-	KM 02	X	-	-
nitenpyram	< 0,01*	-	KM 02	X	-	-
nitrofen	< 0,003*	-	KM 01	X	-	-
norflurazon	< 0,01*	-	KM 02	X	-	-
nuarimol	< 0,003*	-	KM 01	X	-	-
omethoate	< 0,01*	-	KM 02	X	-	-
oxadixyl	< 0,01*	-	KM 02	X	-	-
oxamyl	< 0,01*	-	KM 02	X	-	-
oxamyl-oxime	< 0,01*	-	KM 02	X	-	-
oxydemeton-methyl	< 0,01*	-	KM 02	X	-	-
oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl)	< 0,02*	-	KM 02	X	-	-
oxydemeton-methyl metabolite: demethon-S-methylsulfone	< 0,01*	-	KM 02	X	-	-
oxyfluorfen	< 0,025*	-	KM 01	X	-	-
oxychlordane	< 0,025*	-	KM 01	X	-	-
paclobutrazol	< 0,01*	-	KM 02	X	-	-
paraoxon-ethyl	< 0,1*	-	KM 01	X	-	-

parathion	< 0,01*	-	KM 01	X	-	-
parathion-methyl	< 0,025*	-	KM 01	X	-	-
penconazole	< 0,005*	-	KM 01	X	-	-
pencycuron	< 0,01*	-	KM 02	X	-	-
pendimethalin	< 0,01*	-	KM 01	X	-	-
penflufen	< 0,01*	-	KM 02	X	-	-
penthiopyrad	< 0,01*	-	KM 02	X	-	-
permethrin (sum of isomers)	< 0,005*	-	KM 01	X	-	-
pethoxamid	< 0,01*	-	KM 02	X	-	-
phenmedipham	< 0,01*	-	KM 02	X	-	-
phenothrin (phenothrin including other mixtures of constituent isomers (sum of isomers))	< 0,01*	-	KM 02	X	-	-
phenthoate	< 0,01*	-	KM 02	X	-	-
phorate	< 0,02*	-	KM 02	X	-	-
phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	< 0,07*	-	KM 02	X	-	-
phorate-oxon	< 0,01*	-	KM 02	X	-	-
phorate-oxonsulfone	< 0,01*	-	KM 02	X	-	-
phorate-oxonsulfoxide	< 0,01*	-	KM 02	X	-	-
phorate-sulfone	< 0,01*	-	KM 02	X	-	-
phorate-sulfoxide	< 0,01*	-	KM 02	X	-	-
phosalone	< 0,001*	-	KM 01	X	-	-
phosmet	< 0,01*	-	KM 02	X	-	-
phosmet (phosmet and phosmet oxon expressed as phosmet)	< 0,02*	-	KM 02	X	-	-
phosmet oxon	< 0,01*	-	KM 02	X	-	-
phosphamidon	< 0,01*	-	KM 02	X	-	-
phoxim	< 0,01*	-	KM 02	X	-	-
picloram	< 0,05*	-	KM 02	X	-	-
picolinafen	< 0,01*	-	KM 02	X	-	-
picoxystrobin	< 0,01*	-	KM 02	X	-	-
pinoxaden	< 0,01*	-	KM 02	X	-	-
piperonyl butoxide	< 0,01*	-	KM 02	X	-	-
pirimicarb	< 0,01*	-	KM 02	X	-	-
pirimicarb desmethyl	< 0,01*	-	KM 02	X	-	-
pirimiphos-ethyl	< 0,003*	-	KM 01	X	-	-
pirimiphos-methyl	< 0,01*	-	KM 02	X	-	-
procymidone	0,005	0,002	KM 01	V	0,05	1)
profenofos	< 0,005*	-	KM 01	X	-	-
prochloraz	< 0,01*	-	KM 02	X	-	-
prochloraz (sum of prochloraz and its metabolites expressed as prochloraz)	< 0,03*	-	KM 02	X	-	-
prochloraz metabolite: (BTS 44595)	< 0,01*	-	KM 02	X	-	-
prochloraz metabolite: (BTS 44596)	< 0,02*	-	KM 02	X	-	-
prometon	< 0,01*	-	KM 02	X	-	-
prometryn	< 0,01*	-	KM 02	X	-	-
propachlor	< 0,01*	-	KM 02	X	-	-
propamocarb (sum of propamocarb and its salts, expressed as propamocarb)	< 0,01*	-	KM 02	X	-	-
propaquizafop	< 0,01*	-	KM 02	X	-	-
propargite	< 0,005*	-	KM 01	X	-	-
propazine	< 0,01*	-	KM 02	X	-	-
propham	< 0,01*	-	KM 01	X	-	-
propiconazole (sum of isomers)	< 0,02*	-	KM 02	X	-	-
propoxur	< 0,01*	-	KM 02	X	-	-
propoxycarbazone	< 0,02*	-	KM 02	X	-	-
propyzamide	< 0,01*	-	KM 02	X	-	-
proquinazid	< 0,01*	-	KM 02	X	-	-
prosulfocarb	< 0,01*	-	KM 02	X	-	-
prothioconazole: prothioconazole-desthio	< 0,02*	-	KM 02	X	-	-
prothiofos	< 0,001*	-	KM 01	X	-	-
pyraclostrobin	< 0,01*	-	KM 02	X	-	-

pyrazophos	< 0,001*	-	KM 01	X	-	-
pyrethrins	< 0,02*	-	KM 02	X	-	-
pyridaben	< 0,003*	-	KM 01	X	-	-
pyridaphenthion	< 0,005*	-	KM 01	X	-	-
pyridate	< 0,01*	-	KM 02	X	-	-
pyrifenox	< 0,01*	-	KM 02	X	-	-
pyrimethanil	< 0,01*	-	KM 02	X	-	-
pyriproxyfen	< 0,01*	-	KM 02	X	-	-
quinalphos	< 0,005*	-	KM 01	X	-	-
quinclorac	< 0,02*	-	KM 02	X	-	-
quinmerac	< 0,01*	-	KM 02	X	-	-
quinoclamine	< 0,01*	-	KM 02	X	-	-
quinoxyfen	< 0,01*	-	KM 02	X	-	-
quintozene	< 0,003*	-	KM 01	X	-	-
quizalofop	< 0,02*	-	KM 02	X	-	-
quizalofop-p-ethyl	< 0,01*	-	KM 02	X	-	-
resmethrin (resmethrin including other mixtures of consituent isomers (sum of isomers))	< 0,02*	-	KM 02	X	-	-
rimsulfuron	< 0,02*	-	KM 02	X	-	-
rotenone	< 0,02*	-	KM 02	X	-	-
simazine	< 0,01*	-	KM 02	X	-	-
simetryn	< 0,01*	-	KM 02	X	-	-
spinosad (spinosad, sum of spinosyn A and spinosyn D)	< 0,04*	-	KM 02	X	-	-
spinosyn A	< 0,02*	-	KM 02	X	-	-
spinosyn D	< 0,02*	-	KM 02	X	-	-
spirodiclofen	< 0,02*	-	KM 02	X	-	-
spiromesifen	< 0,02*	-	KM 02	X	-	-
spirotetramat	< 0,01*	-	KM 02	X	-	-
spirotetramat and its 4 metabolites BYI08330-enol, BYI08330-ketohydroxy, BYI08330-monohydroxy, and BYI08330 enol-glucoside, expressed as spirotetramat	< 0,09*	-	KM 02	X	-	-
spirotetramat metabolite: BYI08330-enol	< 0,01*	-	KM 02	X	-	-
spirotetramat metabolite:BYI08330 enol-glucoside	< 0,01*	-	KM 02	X	-	-
spirotetramat metabolite:BYI08330-ketohydroxy	< 0,05*	-	KM 02	X	-	-
spirotetramat metabolite:BYI08330-monohydroxy	< 0,01*	-	KM 02	X	-	-
spiroxamine (sum of isomers)	< 0,01*	-	KM 02	X	-	-
sulfosulfuron	< 0,01*	-	KM 02	X	-	-
sulfotep	< 0,001*	-	KM 01	X	-	-
tau-fluvalinate	< 0,01*	-	KM 02	X	-	-
tebuconazole	< 0,001*	-	KM 01	X	-	-
tebufenozide	< 0,01*	-	KM 02	X	-	-
tebufenpyrad	< 0,01*	-	KM 02	X	-	-
tecnazene	< 0,001*	-	KM 01	X	-	-
teflubenzuron	< 0,05*	-	KM 02	X	-	-
tefluthrin	< 0,001*	-	KM 01	X	-	-
tepraloxydim	< 0,02*	-	KM 02	X	-	-
terbufos	< 0,001*	-	KM 01	X	-	-
terbufos-sulfone	< 0,01*	-	KM 02	X	-	-
terbufos-sulfoxide	< 0,01*	-	KM 02	X	-	-
terbuthylazine	< 0,01*	-	KM 02	X	-	-
terbutryn	< 0,01*	-	KM 02	X	-	-
tetraconazole	< 0,005*	-	KM 01	X	-	-
tetradifon	< 0,001*	-	KM 01	X	-	-
tetramethrin	< 0,02*	-	KM 02	X	-	-
thiabendazole	< 0,01*	-	KM 02	X	-	-
thiacloprid	< 0,01*	-	KM 02	X	-	-
thiamethoxam	< 0,02*	-	KM 02	X	-	-

thifensulfuron-methyl	< 0,02*	-	KM 02	X	-	-
thiodicarb	< 0,02*	-	KM 02	X	-	-
thiometon	< 0,005*	-	KM 01	X	-	-
thiophanate-methyl	< 0,01*	-	KM 02	X	-	-
tolclofos-methyl	< 0,003*	-	KM 01	X	-	-
tolfenpyrad	< 0,01*	-	KM 02	X	-	-
tolylfluanid	< 0,02*	-	KM 02	X	-	-
tolylfluanid (sum of tolylfluanid and dimethylaminosulfotoluidide expressed as tolylfluanid)	< 0,05*	-	KM 02	X	-	-
tolylfluanid metabolite: dimethylaminosulfotoluidide (DMST)	< 0,02*	-	KM 02	X	-	-
triadimefon	< 0,003*	-	KM 01	X	-	-
triadimenol (any ratio of constituent isomers)	< 0,05*	-	KM 01	X	-	-
triasulfuron	< 0,01*	-	KM 02	X	-	-
triazophos	< 0,001*	-	KM 01	X	-	-
triclopyr	< 0,2*	-	KM 02^{ESI-}	X	-	-
tricyclazole	< 0,01*	-	KM 02	X	-	-
trifloxystrobin	< 0,01*	-	KM 02	X	-	-
triflumuron	< 0,02*	-	KM 02	X	-	-
trifluralin	< 0,001*	-	KM 01	X	-	-
triforine	< 0,02*	-	KM 02	X	-	-
trichlorfon	< 0,01*	-	KM 02	X	-	-
trinexapac ethyl	< 0,02*	-	KM 02	X	-	-
triticonazole	< 0,02*	-	KM 02	X	-	-
vamidothion	< 0,01*	-	KM 02	X	-	-
vamidothion sulfone	< 0,02*	-	KM 02	X	-	-
vamidothion sulfoxide	< 0,01*	-	KM 02	X	-	-
vinclozolin	< 0,005*	-	KM 01	X	-	-
zoxamide	< 0,01*	-	KM 02	X	-	-

Analyt	**Koncentrace [µg/kg]**	**Rozšířená nejistota [µg/kg]**	**Zkušební metoda**	**Hodnocení výsledků****	**Limitní hodnota [µg/kg]**	**Specifikace Poznámka**
3-acetyldeoxynivalenol	< 50*	-	KM 06	X	-	-
15-acetyldeoxynivalenol	< 100*	-	KM 06	X	-	-
aflatoxin B1	< 2*	-	KM 06	X	-	-
aflatoxin B2	< 2*	-	KM 06	X	-	-
aflatoxin G1	< 2*	-	KM 06	X	-	-
aflatoxin G2	< 5*	-	KM 06	X	-	-
agroclavine	< 10*	-	KM 06	X	-	-
alternariol	< 2*	-	KM 06	X	-	-
alternariol-methylether	< 2*	-	KM 06	X	-	-
beauvericin	< 5*	-	KM 06	X	-	-
citrinin	< 100*	-	KM 06	X	-	-
cyclopiazonic acid	< 1000*	-	KM 06	X	-	-
deoxynivalenol	< 100*	-	KM 06	X	-	-
deoxynivalenol-3-glucoside	< 100*	-	KM 06	X	-	-
diacetoxyscirpenol	< 20*	-	KM 06	X	-	-
enniatin A	< 2*	-	KM 06	X	-	-
enniatin A1	< 2*	-	KM 06	X	-	-
enniatin B	< 2*	-	KM 06	X	-	-
enniatin B1	< 2*	-	KM 06	X	-	-

ergocornine	< 50*	-	KM 06	X	-	-
ergocorninine	< 50*	-	KM 06	X	-	-
ergocristine	< 50*	-	KM 06	X	-	-
ergocristinine	< 50*	-	KM 06	X	-	-
ergocryptine	< 50*	-	KM 06	X	-	-
ergocryptinine	< 50*	-	KM 06	X	-	-
ergometrine	< 50*	-	KM 06	X	-	-
ergosine	< 50*	-	KM 06	X	-	-
ergosinine	< 50*	-	KM 06	X	-	-
ergotamine	< 50*	-	KM 06	X	-	-
ergotaminine	< 50*	-	KM 06	X	-	-
fumonisin B1	< 200*	-	KM 06	X	-	-
fumonisin B2	< 200*	-	KM 06	X	-	-
fumonisin B3	< 200*	-	KM 06	X	-	-
fusarenon X	< 200*	-	KM 06	X	-	-
gliotoxin	< 200*	-	KM 06	X	-	-
HT-2 toxin	< 50*	-	KM 06	X	-	-
meleagrin	< 10*	-	KM 06	X	-	-
mycophenolic acid	< 10*	-	KM 06	X	-	-
neosolaniol	< 50*	-	KM 06	X	-	-
nivalenol	< 200*	-	KM 06	X	-	-
ochratoxin A	< 5*	-	KM 06	X	-	-
patulin	< 200*	-	KM 06	X	-	-
paxilline	< 50*	-	KM 06	X	-	-
penicillic acid	< 100*	-	KM 06	X	-	-
penitrem A	< 100*	-	KM 06	X	-	-
phomopsin A	< 1000*	-	KM 06	X	-	-
roquefortine C	< 10*	-	KM 06	X	-	-
stachybotrylactam	< 200*	-	KM 06	X	-	-
sterigmatocystin	< 10*	-	KM 06	X	-	-
T-2 toxin	< 10*	-	KM 06	X	-	-
tentoxin	< 10*	-	KM 06	X	-	-
tenuazonic acid	< 1000*	-	KM 06	X	-	-
verrucarol	< 1000*	-	KM 06	X	-	-
verruculogen	< 200*	-	KM 06	X	-	-
zearalenone	< 2*	-	KM 06	X	-	-
α-zearalenol	< 10*	-	KM 06	X	-	-
β-zearalenol	< 10*	-	KM 06	X	-	-

* *koncentrace analytu je nižší nežli hodnota označená hvězdičkou, tj. mez stanovitelnosti*

****** hodnocení shody se specifikací je vyznačeno jako V (vyhovuje), **N** (nevyhovuje) nebo X (nehodnoceno)

x) existující zkušební postup byl modifikován/rozšířen v rámci flexibilního rozsahu akreditace.

Specifikace použité pro hodnocení výsledků:

1) Maximální limit reziduí stanoven Nařízením č. 396/2005/ES v platném znění.

Uvedená rozšířená nejistota byla vypočtena s použitím koeficientem rozšíření k=2, což odpovídá hladině spolehlivosti přibližně 95 %. Při výpočtu a uvádění nejistot se postupuje podle dokumentu EA-4/16 a příručky Kvalimetrie 11 (EURACHEM CZ). Uváděné nejistoty nezahrnují nejistotu vzorkování. Pro posouzení shody s limitními hodnotami byly vzaty do úvahy nejistoty výsledků zkoušek podle Směrnice ILAC-G8.

Přílohy: -

Protokol o zkouškách vystaven v Praze dne: 16.11.2018

Konec protokolu

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