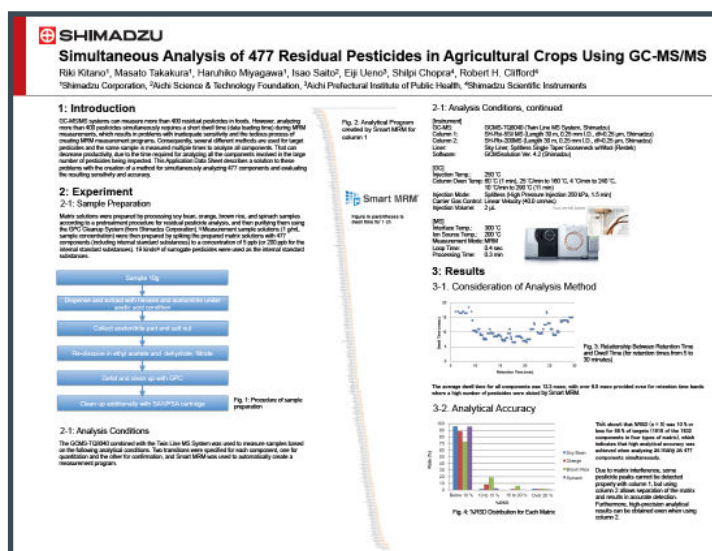


The following **LabStandard®** Kit contains the pesticides mentioned by Shimadzu Technologies to realize and publish the Application Note "Simultaneous Analysis of 477 Residual Pesticides in Agricultural Crops Using GC-MS/MS" for determination of pesticides residues using GCMSMS TQ8040.

Code	Concentration	Solvent	Packaging
KIT4BB3L474	10,00 / 100,00 mg/l	Acetonitrile/ Methanol / Toluene	56 x 1,1 ml amber silanized ampoules in Acetonitrile 2 x 1,1 ml amber silanized ampoules in Methanol 4 x 1,1 ml amber silanized ampoules in Toluene



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Analytes	CAS	Analytes	CAS	Analytes	CAS	Analytes	CAS
1,4-Dichlorobenzene	106-46-7	Anilazine	101-05-3	Bifenox	42576-02-3	Cadusafos	95465-99-9
2,4,5-T-2-ethylhexyl	1928-47-8	Anilofos	64249-01-0	Bifenthrin	82657-04-3	Cafenstrole	125306-83-4
2,4,5-T-methyl	1928-37-6	Anthraquinone	84-65-1	Bioresmethrin	28434-01-7	Captafol	2425-06-1
2,4-D-butyl	94-80-4	Atraton	1610-17-9	Biphenyl	92-52-4	Captan	133-06-2
Acephate	30560-19-1	Atrazine	1912-24-9	Bitertanol	55179-31-2	Carbaryl	63-25-2
Acetamidrid	135410-20-7	Atrazine, Desethyl-	6190-65-4	Boscalid	188425-85-6	Carbetamide	16118-49-3
Acetochlor	34256-82-1	Azaconazole	60207-31-0	Bromacil	314-40-9	Carbofuran	1563-66-2
Acibenzolar-S-Methyl	135158-54-2	Azamephipos	35575-96-3	Bromobutide	74712-19-9	Carbophenothion	786-19-6
Acionifen	74070-46-5	Azinphos-ethyl	2642-71-9	Bromocyclen	1715-40-8	Carbosulfan	55285-14-8
Acrinathrin	101007-06-1	Azinphos-Methyl	86-50-0	Bromophos-Ethyl	4824-78-6	Carboxin	5234-68-4
Alachlor	15972-60-8	Azoxystrobin	131860-33-8	Bromophos-Methyl	2104-96-3	Carfentrazone-Ethyl	128638-02-1
Alanycarb	83130-01-2	Beflubutamid	113614-08-7	Bromopropylate	18181-80-1	Chinomethionat	2439-01-2
Aldicarb	116-06-3	Benalaxyl	71626-11-4	Bromuconazole	116255-48-2	Chlormethoxyfen	32861-85-1
Aldicarb-Sulfone	1646-88-4	Bendiocarb	22781-23-3	Bupirimate	41483-43-6	Chlorantraniliprole	500008-45-7
Aldrin	309-00-2	Benfluralin	1861-40-1	Buprofezin	69327-76-0	Chlorbenside	103-17-3
Allethrin	584-79-2	Benfuracarb	82560-54-1	Butachlor	23184-66-9	Chlorbufam	1967-16-4
Allidochlor	93-71-0	Benfuresate	68505-69-1	Butafenacil	134605-64-4	Chlordane, trans-	5103-74-2
Ametryn	834-12-8	Benoxacor	98730-04-2	Butamifos	36335-67-8	Chlorethoxyfos	54593-83-8
Aminocarb	2032-59-9	Benzoylprop-Ethyl	22212-55-1	Butralin	33629-47-9	Chlorfenapyr	122453-73-0
Amitraz	33089-61-1	Bifenazate	149877-41-8	Butylate	2008-41-5	Chlorfenson	80-33-1

Analytes	CAS	Analytes	CAS	Analytes	CAS	Analytes	CAS
Chlorfenvinphos	470-90-6	DDE, p,p-	72-55-9	Endosulfansulfate	1031-07-8	Fluazinam	79622-59-6
Chloridazon	1698-60-8	DDT, o,p-	789-02-6	Endrin	72-20-8	Flubenzimine	37893-02-0
Chlormephos	24934-91-6	DDT, p,p-	50-29-3	EPN	2104-64-5	Flucythrinate	70124-77-5
Chlornitrofen	1836-77-7	Deltamethrin	52918-63-5	Epoxiconazole	133855-98-8	Fludioxonil	131341-86-1
Chlorobenzilate	510-15-6	Demeton-S-Methyl	919-86-8	EPTC	759-94-4	Flufenacet	142459-58-3
Chloroneb	2675-77-6	Demeton-S-Methylsulfone	17040-19-6	Esfenvalerate	66230-04-4	Flufenpyr-ethyl	188489-07-8
Chloropropylate	5836-10-2	Desmedipham	13684-56-5	Esprocarb	85785-20-2	Flumiclorac-pentyl	87546-18-7
Chlorothalonil	1897-45-6	Dialifos	10311-84-9	Etaconazole	60207-93-4	Flumioxazin	103361-09-7
Chlorpropham	101-21-3	Di-Allate	2303-16-4	Ethalfuralin	55283-68-6	Fluopicolide	239110-15-7
Chlorpyrifos-Ethyl	2921-88-2	Diazinon	333-41-5	Ethiofencarb	29973-13-5	Fluotrimazole	31251-03-3
Chlorpyrifos-Methyl	5598-13-0	Dichlobenil	1194-65-6	Ethion	563-12-2	Fluquinconazole	136426-54-5
Chlorthal-Dimethyl	1861-32-1	Dichlofenthion	97-17-6	Ethofumesate	26225-79-6	Fluridone	59756-60-4
Chlorthiamid	1918-13-4	Dichlofluamid	1085-98-9	Ethoprophos	13194-48-4	Flusilazole	85509-19-9
Chlorthion	500-28-7	Dichlorvos	62-73-7	Ethychlozate	27512-72-7	Fluthiacet-methyl	117337-19-6
Chlorthiophos	60238-56-4	Diclobutrazol	75736-33-3	Etobenzanid	79540-50-4	Flutolanil	66332-96-5
Chloxinate	84332-86-5	Diclocymet	139920-32-4	Etofenprox	80844-07-1	Flutriafol	76674-21-0
Cinidon-Ethyl	142891-20-1	Diclofop-Methyl	51338-27-3	Etoxazole	153233-91-1	Fluvalinate	69409-94-5
Cinmethylin	87818-31-3	Dicloran	99-30-9	Etridiazole	2593-15-9	Fluvalinate, tau-	102851-06-9
cis-Chlordene	56534-02-2	Dicofol	115-32-2	Etrimfos	38260-54-7	Folpet	133-07-3
Clodinafop-Propargyl	105512-06-9	Dicrotophos	141-66-2	Famoxadone	131807-57-3	Fonofos	944-22-9
Clofentezine	74115-24-5	Dieldrin	60-57-1	Famphur	52-85-7	Formothion	2540-82-1
Clomazone	81777-89-1	Diethofencarb	87130-20-9	Fenamidone	161326-34-7	Fosthiazate	98886-44-3
Clomeprop	84496-56-0	Difenoconazole	119446-68-3	Fenamiphos	22224-92-6	Furalaxyl	57646-30-7
Clothianidin	210880-92-5	Diflufenican	83164-33-4	Fenarimol	60168-88-9	Furametpyr	123572-88-3
Coumaphos	56-72-4	Dimepiperate	61432-55-1	Fenazaquin	120928-09-8	Furametpyr-hydroxy	
Crimidine	535-89-7	Dimethachlor	50563-36-5	Fenbuconazole	114369-43-6	Furathiocarb	65907-30-4
Cyanazine	21725-46-2	Dimethametryn	22936-75-0	Fenchlorphos	299-84-3	Furilazole	121776-33-8
Cyanofenphos	13067-93-1	Dimethenamid	87674-68-8	Fenitrothion	122-14-5	Halfenprox	111872-58-3
Cyanophos	2636-26-2	Dimethipin	55290-64-7	Fenothiocarb	62850-32-2	HCH, alpha-	319-84-6
Cyantraniliprole	736994-63-1	Dimethoate	60-51-5	Fenoxanil	115852-48-7	HCH, beta-	319-85-7
Cycloate	1134-23-2	Dimethomorph	110488-70-5	Fenoxaprop-ethyl	66441-23-4	HCH, delta-	319-86-8
Cyflufenamid	180409-60-3	Dimethylvinphos	2274-67-1	Fenoxycarb	72490-01-8	HCH, gamma-	58-89-9
Cyfluthrin, beta-	68359-37-5	Diniconazole	83657-24-3	Fenpropathrin	39515-41-8	Heptachlor	76-44-8
Cyhalofop-Butyl	122008-85-9	Diofenolan	63837-33-2	Fenpropidin	67306-00-7	Heptachlorepoxid, cis-	1024-57-3
Cyhalothrin	68085-85-8	Dioxabenzofos	3811-49-2	Fenpropimorph	67564-91-4	Heptachlorepoxid, trans-	28044-83-9
Cyhalothrin, lambda-	91465-08-6	Dioxathion	78-34-2	Fenson	80-38-6	Heptenophos	23560-59-0
Cymiazole	61676-87-7	Diphenamid	957-51-7	Fensulfothion	115-90-2	Hexachlorobenzene	118-74-1
Cypermethrin	52315-07-8	Diphenylamine	122-39-4	Fenthion	55-38-9	Hexaconazole	79983-71-4
Cyproconazole	94361-06-5	Disulfoton	298-04-4	Fenvalerate	51630-58-1	Hexazinone	51235-04-2
Cyprodinil	121552-61-2	Disulfoton-Sulfone	2497-06-5	Ferimzone	89269-64-7	Hymexazol	10004-44-1
Cyprofuram	69581-33-5	Ditalimfos	5131-24-8	Fipronil	120068-37-3	Imazalil	35554-44-0
DCIP	620-45-1	Dithiopyr	97886-45-8	Fipronil-Sulfone	120068-36-2	Imazamethabenz-Methyl	81405-85-8
DDD, o,p-	53-19-0	Edifenphos	17109-49-8	Flamprop-Methyl	52756-25-9	Imibenconazole	86598-92-7
DDD, p,p-	72-54-8	Endosulfan, alpha-	959-98-8	Fluacrypyrim	229977-93-9	Imibenconazole-debenzyl	154221-27-9
DDE, o,p-	3424-82-6	Endosulfan, beta-	33213-65-9	Fluazifop-P-Butyl	79241-46-6	Indanofan	133220-30-1

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Accreditations and Certifications

ISO 17034:2016

UNI EN ISO 14001:2015

ISO/IEC 17025:2017

UNI EN ISO 9001:2015

Analytes	CAS	Analytes	CAS	Analytes	CAS	Analytes	CAS
Indoxacarb	144171-61-9	Mevinphos	7786-34-7	Phosfolan	947-02-4	Pyridalyl	179101-81-6
Iodofenphos	18181-70-9	Mirex	2385-85-5	Phosmet	732-11-6	Pyridaphenthion	119-12-0
Iprobenfos	26087-47-8	Molinate	2212-67-1	Phosphamidon	13171-21-6	Pyrifenox	88283-41-4
Iprodione	36734-19-7	Monocrotophos	6923-22-4	Phoxim	14816-18-3	Pyrimethanil	53112-28-0
Iprodione, Impurity RP30228	63637-89-8	Myclobutanil	88671-89-0	Phthalide	87-41-2	Pyrimidifen	105779-78-0
Iprovalicarb	140923-17-7	Naled	300-76-5	Picolinafen	137641-05-5	Pyriminobac-methyl-E	136191-64-5
Isazofos	42509-80-8	Naphthylacetamide, 1-	86-86-2	Picoxystrobin	117428-22-5	Pyriminobac-methyl-Z	147411-70-9
Isocarbophos	24353-61-5	Naproanilide	52570-16-8	Piperonyl butoxide	51-03-6	Pyriproxyfen	95737-68-1
Isodrin	465-73-6	Napropamide	15299-99-7	Piperophos	24151-93-7	Pyroquilon	57369-32-1
Isufenphos	25311-71-1	Nicotine	54-11-5	Pirimicarb	23103-98-2	Quinalphos	13593-03-8
Isufenphos-Methyl	99675-03-3	Nitralin	4726-14-1	Pirimiphos-Ethyl	23505-41-1	Quinoclamine	2797-51-5
Isufenphos-oxon	31120-85-1	Nitrpyrin	1929-82-4	Pirimiphos-Methyl	29232-93-7	Quinoxifen	124495-18-7
Isoproc carb	2631-40-5	Nitrofen	1836-75-5	Pretilachlor	51218-49-6	Quintozene	82-68-8
Isopropalin	33820-53-0	Nitrothal-Isopropyl	10552-74-6	Probenazole	27605-76-1	Quizalofop-Ethyl	76578-14-8
Isoprothiolane	50512-35-1	Norflurazon	27314-13-2	Prochloraz	67747-09-5	Resmethrin	10453-86-8
Isoxathion	18854-01-8	Nuarimol	63284-71-9	Procymidone	32809-16-8	Silafluofen	105024-66-6
Kresoxim-Methyl	143390-89-0	Omethoate	1113-02-6	Profenofos	41198-08-7	Simazine	122-34-9
Lenacil	2164-08-1	Orthophenylphenol	90-43-7	Prohydrojasmon	158474-72-7	Simeconazole	149508-90-7
Leptophos	21609-90-5	Orysastrobin	248593-16-0	Promecarb	2631-37-0	Simetryn	1014-70-6
Linuron	330-55-2	Oxabetrinil	74782-23-3	Prometon	1610-18-0	Spirodiclofen	148477-71-8
Malaaxon	1634-78-2	Oxadiazon	19666-30-9	Prometryn	7287-19-6	Spiromesifen	283594-90-1
Malathion	121-75-5	Oxadixyl	77732-09-3	Propachlor	1918-16-7	Spiroxamine	118134-30-8
MCPA-thioethyl	25319-90-8	Oxpoconazole fumarate	174212-12-5	Propamocarb	24579-73-5	Sulfallate	95-06-7
MCPB	94-81-5	oxy-Chlordane	27304-13-8	Propanil	709-98-8	Sulfotep	3689-24-5
MCPB-ethyl	10443-70-6	Oxyfluorfen	42874-03-3	Propaphos	7292-16-2	Sulprofos	35400-43-2
Mecarbam	2595-54-2	Paclobutrazol	76738-62-0	Propaquizafop	111479-05-1	Swep	1918-18-9
Mefenacet	73250-68-7	Paraaxon-Methyl	950-35-6	Propargite	2312-35-8	TCMTB	21564-17-0
Mefenpyr-Diethyl	135590-91-9	Parathion-ethyl	56-38-2	Propazine	139-40-2	Tebuconazole	107534-96-3
Mepanipyrin	110235-47-7	Parathion-Methyl	298-00-0	Propetamphos	31218-83-4	Tebufenpyrad	119168-77-3
Mepronil	55814-41-0	Pebulate	1114-71-2	Propham	122-42-9	Tebupirimfos	96182-53-5
Metalaxil-m	70630-17-0	Penconazole	66246-88-6	Propiconazole	60207-90-1	Tebuthiuron	34014-18-1
Metalaxyl	57837-19-1	Pencycuron	66063-05-6	Propisochlor	86763-47-5	Tecnazene	117-18-0
Metazachlor	67129-08-2	Pendimethalin	40487-42-1	Propoxur	114-26-1	Tefluthrin	79538-32-2
Methacrifos	62610-77-9	Pentachloroaniline	527-20-8	Propyzamide	23950-58-5	Temephos	3383-96-8
Methamidophos	10265-92-6	Pentachlorophenol	87-86-5	Proquinazid	189278-12-4	Terbacil	5902-51-2
Methidathion	950-37-8	Pentoxazone	110956-75-7	Prosulfocarb	52888-80-9	Terbucarb	1918-11-2
Methiocarb	2032-65-7	Permethrin, cis-	61949-76-6	Prothiofos	34643-46-4	Terbufos	13071-79-9
Methomyl-oxime	13749-94-5	Permethrin, trans-	61949-77-7	Pyraclifos	89784-60-1	Terbumeton	33693-04-8
Methoprene	40596-69-8	Perthane	72-56-0	Pyraclostrobin	175013-18-0	Terbuthylazine	5915-41-3
Methoxychlor	72-43-5	Phenmedipham	13684-63-4	Pyraflufen-Ethyl	129630-19-9	Terbutryn	886-50-0
Metolachlor	51218-45-2	Phenothrin	26002-80-2	Pyrazophos	13457-18-6	Tetrachlorvinphos	22248-79-9
Metolachlor-s	87392-12-9	Phenthoate	2597-03-7	Pyrazoxyfen	71561-11-0	Tetraconazole	112281-77-3
Metolcarb	1129-41-5	Phorate	298-02-2	Pyrethrins	8003-34-7	Tetradifon	116-29-0
Metominostrobin	133408-50-1	Phorate-Sulfone	2588-04-7	Pyributicarb	88678-67-5	Tetrahydrophthalimide	1469-48-3
Metribuzin	21087-64-9	Phosalone	2310-17-0	Pyridaben	96489-71-3	Tetramethrin	7696-12-0

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Analytes	CAS	Analytes	CAS	Analytes	CAS	Analytes	CAS
Thenylchlor	96491-05-3	Tolclofos-Methyl	57018-04-9	Trichlamide	70193-21-4	Triticonazole	131983-72-7
Thiabendazole	148-79-8	Tolfenpyrad	129558-76-5	Trichlorfon	52-68-6	Uniconazole-P	83657-17-4
Thiacloprid	111988-49-9	Tolyfluanid	731-27-1	Tricyclazole	41814-78-2	Vamidothion	2275-23-2
Thiamethoxam	153719-23-4	Tralomethrin	66841-25-6	Tridemorph	24602-86-6	Vamidothion sulfone	70898-34-9
Thiifuzamide	130000-40-7	Triadimefon	43121-43-3	Trifloxystrobin	141517-21-7	Vinclozolin	50471-44-8
Thiobencarb	28249-77-6	Triadimenol	55219-65-3	Triflumizole	68694-11-1	XMC	2655-14-3
Thiocyclam-Oxalate	31895-22-4	Tri-Allate	2303-17-5	Triflumizole, FM-6-1	131549-75-2	Xyllycarb	2425-10-7
Thiometon	640-15-3	Triazophos	24017-47-8	Trifluralin	1582-09-8	Zoxamide	156052-68-5
Thionazin	297-97-2	Tribufos	78-48-8				

Optional Internal Standards

Analytes	CAS	Analytes	CAS	Analytes	CAS	Analytes	CAS
Acephate D6	2109699-73-0	Diethofencarb D7		Fosthiazate D5		Linuron D6	1219804-76-8
Carbaryl D7	362049-56-7	EPN D5		Imazalil D5	1398065-91-2	Metolachlor D6	1219803-97-0
Chlorpyrifos D10	285138-81-0	Esfenvalerate D7		Iprobenfos D7		Pendimethalin D5	1219803-39-0
Diazinon D10	100155-47-3	Etofenprox D5		Isoprothiolane D4	1715020-82-8	Thiabendazole 13C6	
Dichlorvos D6	203645-53-8	Fenitrothion D6	203645-59-4	Isoxathion-D10			

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