

국제공인시험기관 인정서

[주]한국분석기술연구소

인 정 번 호 : KT221
법 인 등 록 번 호 : 160111-0091415
(또는 고유번호)
사 업 장 소 재 지 : 대전광역시 유성구 테크노2로 125-7(용산동)
최 초 인 정 일 자 : 2004년 5월 18일
인 정 유효 기 간 : 2016년 12월 9일 ~ 2020년 12월 8일
인정분야 및 범위 : 별첨 참조
발 행 일 : 2016년 12월 9일

상기 기관을 국가표준기본법 제 23 조 및 KS Q ISO/IEC 17025:2006 에 의거하여 국제공인시험기관으로 인정합니다. 또한 ISO-ILAC-IAF 공동성명 (2009.18)에 언급된 바와 같이 인정된 분야 및 범위에 대한 기술적 능력과 시험 기관의 품질경영시스템이 적절함을 인정합니다.



한국인정기구장
(Korea Laboratory Accreditation Scheme)



Korea Laboratory Accreditation Scheme

제KT221호

02. 화학시험

02.017 식품

규격번호	규격명	시험범위 또는 검출한계
식품의약품 안전처 고시 제2016-101호 (2016.09.12.)	식품의 기준 및 규격 제9. 일반시험법	
	4.1.2.2 다중농약다성분 분석법-제2법 Aldrin, Anilofos, BHC, Bifenthrin, Bromacil, Bromopropylate, Cadusafos, Carbaryl, Carbofuran, Carbophenothion, Chlorfenapyr, Chlorobenzilate, Chlorpyrifos, Chlorpyrifos-methyl, Cyproconazole, Cyprodinil, DDT, Diazinon, Dichlorvos, Dicloran, Dicofol, Dieldrin, Diethofencarb, Dimepiperate, Dimethenamid, Dimethoate, Dimethomorph, Dimethylvinphos, Diniconazole, Diphenamid, Dithiopyr, Edifenphos, Endosulfan, Endrin, EPN, Esprocarb, Ethion, Ethoprophos, Etoxazole, Etrimfos, Fenhexamid, Fenitrothion, Fenobucarb, Fenoxanil, Fenoxycarb, Fipronil, Fludioxonil, Flufenacet, Flufenoxuron, Fluquinconazole, Flusilazole, Flutolanil, Fosthiazate, Fthalide, Furathiocarb, Heptachlor, Hexaflumuron, Imazalil, Indanofan, Indoxacarb, Iprobenfos, Isazophos, Isofenphos, Isoprocarb, Isoprothiolane, Kresoxim-methyl, Lufenuron, Malathion, Mecarbam, Mefenacet, Mepanipyrim, Mepronil, Metconazole, Methidathion, Methiocarb, Molinate, Novaluron, Oxadixyl, Parathion, Parathion-methyl, Penconazole, Pendimethalin, Phenthoate, Phosalone, Phosphamidon, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Probenazole, Prochloraz, Procymidone, Profenofos, Propisochlor, Propoxur, Prothiofos, Pyraclofos, Pyrazophos,	(0.01 ~ 0.2) mg/kg

Korea Laboratory Accreditation Scheme

제KT221호

02. 화학시험

02.017 식품(계속)

규격번호	규격명	시험범위 또는 검출한계
식품의약품 안전처 고시 제2016-101호 (2016.09.12.)	Pyributicarb, Pyridalyl, Pyrimethanil, Pyrimidifen, Pyroquilon, Quintozene, Spirodiclofen, Tefluthrin, Terbutylazine, Tetradifon, Thiazopyr, Thifluzamide, Tolclofos-methyl, Triadimefon, Triazophos, Tricyclazole, Triflumizole, Triflumuron, Vinclozolin, Zoxamide	(0.01 ~ 0.2) mg/kg
	7.1.2.1 납 (Pb)	0.005 mg/kg
	7.1.2.2 카드뮴 (Cd)	0.001 mg/kg
	7.1.2.3 비소 (As)	0.005 mg/kg
	7.1.2.4 수은 (Hg)	0.01 mg/kg
	7.1.2.9 기타금속 (Sb)	0.005 mg/kg

Korea Laboratory Accreditation Scheme

제KT221호

02. 화학시험

02.019 농축산물

규격번호	규격명	시험범위 또는 검출한계
식품의약품 안전처 고시 제2016-101호 (2016.09.12.)	식품의 기준 및 규격 제9. 일반시험법	
	4.1.2.2 다중농약다성분 분석법-제2법 Aldrin, Anilofos, BHC, Bifenthrin, Bromacil, Bromopropylate, Cadusafos, Carbaryl, Carbofuran, Carbophenothion, Chlorfenapyr, Chlorobenzilate, Chlorpyrifos, Chlorpyrifos-methyl, Cyproconazole, Cyprodinil, DDT, Diazinon, Dichlorvos, Dicloran, Dicofol, Dieldrin, Diethofencarb, Dimepiperate, Dimethenamid, Dimethoate, Dimethomorph, Dimethylvinphos, Diniconazole, Diphenamid, Dithiopyr, Edifenphos, Endosulfan, Endrin, EPN, Esprocarb, Ethion, Ethoprophos, Etoxazole, Etrimfos, Fenhexamid, Fenitrothion, Fenobucarb, Fenoxanil, Fenoxycarb, Fipronil, Fludioxonil, Flufenacet, Flufenoxuron, Fluquinconazole, Flusilazole, Flutolanil, Fosthiazate, Fthalide, Furathiocarb, Heptachlor, Hexaflumuron, Imazalil, Indanofan, Indoxacarb, Iprobenfos, Isazophos, Isofenphos, Isoprocarb, Isoprothiolane, Kresoxim-methyl, Lufenuron, Malathion, Mecarbam, Mefenacet, Mepanipyrim, Mepronil, Metconazole, Methidathion, Methiocarb, Molinate, Novaluron, Oxadixyl, Parathion, Parathion-methyl, Penconazole, Pendimethalin, Phenthoate, Phosalone, Phosphamidon, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Probenazole, Prochloraz, Procymidone, Profenofos, Propisochlor, Propoxur, Prothiofos, Pyraclofos, Pyrazophos,	(0.01 ~ 0.2) mg/kg

Korea Laboratory Accreditation Scheme

제KT221호

02. 화학시험

02.019 농축산물(계속)

규격번호	규격명	시험범위 또는 검출한계
식품의약품 안전처 고시 제2016-101호 (2016.09.12.)	Pyributicarb, Pyridalyl, Pyrimethanil, Pyrimidifen, Pyroquilon, Quintozene, Spirodiclofen, Tefluthrin, Terbutylazine, Tetradifon, Thiazopyr, Thifluzamide, Tolclofos-methyl, Triadimefon, Triazophos, Tricyclazole, Triflumizole, Triflumuron, Vinclozolin, Zoxamide	(0.01 ~ 0.2) mg/kg
식품의약품안전처 고시 제2015-23호 (2015.4.30)	II. 농산물 등의 유해물질 분석법 1.1. GC 및 LC를 이용한 다성분 동시분석법 Acetamiprid, Alachlor, Aldicarb, Aldrin, Amisulbrom, Anilofos, Azinphos-methyl, Azoxystrobin, Bendiocarb, Bentiavalicarb-isopropyl, Benzoximate, BHC(α, β, γ 및 δ), Bifenox, Bifenthrin, Bitertanol, Boscalid, Bromobutide, Bromopropylate, Buprofezin, Butachlor, Cadusafos, Carbaryl, Carbendazim, Carbofuran, Carbophenothion, Chloraniliprole, Chlordane(cis, trans), Chlorfenapyr, Chlorfenvinphos, Chlorfluazuron, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chromafenozide, Clofentezine, Clothianidin, Cyazofamid, Cyflufenamid, Cyfluthrin, Cyhalofop-butyl, Cyhalothrin(lambda), Cymoxanil, Cypermethrin, Cyproconazole, Cyprodinil, Deltamethrin, Diazinon, Dichlorvos(DDVP), Diclofop-methyl, Dicloran, Dicofol, Dieldrin, Diethofencarb, Difenconazole, Diflubenzuron, Dimepiperate, Dimethenamid, Dimethoate, Dimethomorph, Dimethylvinphos(Z), Diniconazole, Diphenamid, Disulfoton, Dithiopyr, Diuron, Edifenphos, Endosulfan(α, β및 sulfate), Endrin, EPN, Esprocarb, Ethaboxam, Ethalfluralin, Ethiofencarb, Ethion, Ethoprophos, Etofenprox, Etoxazole, Etridiazole, Etrimfos, Fenamiphos, Fenarimol, Fenazaquin, Fenbuconazole,	(0.01 ~ 0.2) mg/kg

Korea Laboratory Accreditation Scheme

제KT221호

02. 화학시험

02.019 농축산물(계속)

규격번호	규격명	시험범위 또는 검출한계
식품의약품안전처 고시 제2015-23호 (2015.4.30)	Fenitrothion(MEP), Fenobucarb, Fenothiocarb, Fenoxanil, Fenpropathrin, Fenpyroximate, Fenthion(MPP), Fenvalerate, Ferimzone, Fipronil, Fluacrypyrim, Flubendiamide, Flucythrinate, Fludioxonil, Flufenoxuron, Flumioxazin, Flupicolide, Fluquinconazole, Flusilazole, Flutolanil, Forchlorfenuron, Fosthiazate, Fthalide, Furathiocarb, Halfenprox, Heptachlor(Heptachlor epoxide 포함), Hexaconazole, Hexaflumuron, Hexythiazox, Imazalil, Imibenconazole, Imidacloprid, Indanofan, Indoxacarb, Iprobenfos, Iprovalicarb, Isofenphos, Isoprocarb, Isoprothiolane, Kresoxim-methyl, Lufenuron, Malathion, Mandipropamid, Mecarbam, Mefenacet, Mepanipyrim, Mepronil, Metalaxyl, Metamifop, Metconazole, Methabenzthiazuron, Methidathion, Methiocarb, Methomyl, Methoxyfenozide, Methyl-pentachlorophenyl sulfide, Metobromuron, Metolachlor, Metolcarb, Metribuzin, Mevinphos, Molinate, Myclobutanil, Napropamide, Novaluron, Nuarimol, Ofurace, Oxamyl, Oxaziclomefon, Oxyfluorfen, Paclobutrazole, Parathion, Parathion-methyl, Penconazole, Pencycuron, Pendimethalin, Pentoxazone, Permethrin, Phenthoate, Phorate, Phosalone, Phosphamidon, Piperophos, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Probenazole, Prochloraz, Procymidone, Profenofos, Prometryn, Propanil, Propiconazole, Propoxur, Prothiofos, Pyraclofos, Pyraclostrobin, Pyrazophos, Pyribenzoxim, Pyributicarb, Pyridaben, Pyridalyl, Pyridaphenthion, Pyrimethanil, Pyrimidifen, Pyriminobac-methyl(E, Z),	(0.01 ~ 0.2) mg/kg

Korea Laboratory Accreditation Scheme

제KT221호

02. 화학시험

02.019 농축산물(계속)

규격번호	규격명	시험범위 또는 검출한계
식품의약품안전처 고시 제2015-23호 (2015.4.30)	Pyriproxyfen, Pyroquilon, Quinoclamine, Silafluofen, Simazine, Simeconazole, Simetryn, Spirodiclofen, Spiromesifen, Tebuconazole, Tebufenozide, Tebufenpyrad, Tebupirimfos, Teflubenzuron, Tefluthrin, Terbufos, Terbutylazine, Terbutryn, Tetraconazole, Tetradifon, Thiabendazole, Thiacloprid, Thiamethoxam, Thiazopyr, Thifluzamide, Thiodicarb, Tiadinil, Tolclofos-methyl, Triadimefon, Triadimenol, Triazophos, Tricyclazole, Trifloxystrobin, Triflumizole, Triflumuron, Trifluralin, Vinclozolin, Zoxamide	(0.01 ~ 0.2) mg/kg
	1.2. QuEChERS와 LC-MS/MS를 이용한 다성분 동시분석법 Alachlor, Aldicarb, Amisulbrom, Azinphos-methyl, Azoxytrobin, Bendiocarb, Benthiavalicarb-Isopropyl, Benzoximate, Bitertanol, Boscalid, Bromacil, Buprofezin, Cadusafos, Carbaryl, Carbendazim, Carboxin, Chlorantraniliprole, Chlorpyrifos, Chromafenozide, Clofentezine, Clothianidin, Cyazofamid, Cyflufenamid, Cyhalofop-butyl, Cymoxanil, Cyprodinil, Diazinon, DDVP(Dichlorvos), Diethofencarb, Difenconazole, Diflubenzuron, Dimepiperate, Dimethenamid, Dimethoate, Dimethomorph(E,Z), Diniconazole, Diphenamid, Dithiopyr, Diuron, Edifenphos, EPN, Esprocarb, Ethaboxam, Ethiofencarb, Ethoprophos, Etoxazole, Etrifos, Fenamiphos, Fenarimol, Fenazaquin, Fenbuconazole, Fenobucarb, Fenoxanil, Fenoxycarb, Fenpyroximate, Fenthion, Fluacrypyrim, Flubendiamide, Fludioxonil, Flufenacet, Flufenoxuron, Flumioxazin, Fluopicolide, Fluquinconazole,	(0.005 ~ 0.2) mg/kg

Korea Laboratory Accreditation Scheme

제KT221호

02. 화학시험

02.019 농축산물(계속)

규격번호	규격명	시험범위 또는 검출한계
식품의약품안전처 고시 제2015-23호 (2015.4.30)	Flusilazole, Flutolanil, Forchlorfenuron, Fosthiazate, Furathiocarb, Hexaconazole, Hexaflumuron, Hexythiazox, Imazalil, Imidacloprid, Iprobenfos, Iprovalicarb, Isoprocarb, Isoprothiolane, Kresoxim-methyl, Lufenuron, Malathion, Mandipropamid, Mefenacet, Mepronil, Metalaxyl, Metamifop, Metconazole, Methabenzthiazuron, Methiocarb, Methomyl, Methoxyfenozide, Metobromuron, Metolachlor, Metolcarb, Metribuzin, Mevinphos, Molinate, Myclobutanil, Napropamide, Novaluron, Nuarimol, Ofurace, Omethoate, Oxadiazon, Oxadixyl, Oxamyl, Oxaziclomefon, Paclobutrazole, Penconazole, Pencycuron, Pendimethalin, Pentoxazone, Phenthoate, Phorate, Phosalone, Phosphamidone, Piperophos, Pirimicarb, Pirimiphos-methyl, Probenazole, Prochloraz, Profenofos, Prometryn, Propanil, Propiconazole, Propoxur, Pyraclostrobin, Pyrazophos, Pyribenzoxim, Pyributicarb, Pyridaben, Pyridaphenthion, Pyrimethanil, Pyriminobac-methyl(E), Pyriminobac-methyl(Z), Pyriproxyfen, Pyroquilon, Simeconazole, Simetryn, Spirodiclofen, Spiromesifen, Tebuconazole, Tebufenozide, Tebufenpyrad, Teflubenzuron, Terbutylazine, Terbutryn, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thiazopyr, Thiobencarb, Thiodicarb, Tiadinil, Triadimefon, Triazophos, Tricyclazole, Trifloxystrobin, Triflumizole, Triflumuron, Vamidothion	(0.005 ~ 0.2) mg/kg

Korea Laboratory Accreditation Scheme

제KT221호

02. 화학시험

02.021 수질

규격번호	규격명	시험범위 또는 검출한계
	수질오염공정시험기준	단위 [mg/L]
	ES 04401.3a 구리-유도결합플라스마-원자발광분광법	0.006
	ES 04401.4a 구리-유도결합플라스마-질량분석법	0.002
	ES 04402.3a 납-유도결합플라스마-원자발광분광법	0.04
	ES 04402.4a 납-유도결합플라스마-질량분석법	0.002
	ES 04403.3a 니켈-유도결합플라스마-원자발광분광법	0.015
	ES 04403.4a 니켈-유도결합플라스마-질량분석법	0.002
	ES 04404.3a 망간-유도결합플라스마-원자발광분광법	0.002
	ES 04404.4a 망간-유도결합플라스마-질량분석법	0.000 5
	ES 04405.2a 바륨-유도결합플라스마-원자발광분광법	0.003
	ES 04405.3a 바륨-유도결합플라스마-질량분석법	0.003
환경부고시 제2016-65호 (2016.4.1)	ES 04406.3a 비소-유도결합플라스마-원자발광분광법	0.05
	ES 04406.4a 비소-유도결합플라스마-질량분석법	0.006
	ES 04407.2a 셀레늄-유도결합플라스마-질량분석법	0.03
	ES 04409.3a 아연-유도결합플라스마-원자발광분광법	0.002
	ES 04409.4a 아연-유도결합플라스마-질량분석법	0.006
	ES 04410.1a 안티몬-유도결합플라스마-원자발광분광법	0.02
	ES 04410.2a 안티몬-유도결합플라스마-질량분석법	0.000 4
	ES 04411.2a 주석-유도결합플라스마-원자발광분광법	0.02
	ES 04411.3a 주석-유도결합플라스마-질량분석법	0.000 1
	ES 04412.3a 철-유도결합플라스마-원자발광분광법	0.007
	ES 04413.3a 카드뮴-유도결합플라스마-원자발광분광법	0.004
	ES 04413.4a 카드뮴-유도결합플라스마-질량분석법	0.002
	ES 04414.3a 크롬-유도결합플라스마-원자발광분광법	0.007
	ES 04414.4a 크롬-유도결합플라스마-질량분석법	0.000 2
	ES 04415.2C 6가크롬-자외선/가시선분광법	0.04

Korea Laboratory Accreditation Scheme

제KT221호

02. 화학시험

02.024 토양

규격번호	규격명	시험범위 또는 검출한계
	토양오염공정시험기준	단위 [mg/kg]
환경부고시 제2015-261호 (2016.1.5)	ES 07401.2a 구리-유도결합플라스마-원자발광분광법	1.0
	ES 07402.2a 납-유도결합플라스마-원자발광분광법	1.5
	ES 07403.2a 니켈-유도결합플라스마-원자발광분광법	0.4
	ES 07404.2a 비소-유도결합플라스마-원자발광분광법	1.50
	ES 07405.2 수은-열적 분해 아말감 원자흡수분광광도법	0.01
	ES 07406.2a 아연-유도결합플라스마-원자발광분광법	1.0
	ES 07407.2a 카드뮴-유도결합플라스마-원자발광분광법	0.10
	ES 07408.1a 6가크롬-자외선/가시선 분광법	0.5

끝.