



Premixed Pesticide Multi-Compound Certified Reference Materials

- Our pesticide residue testing kit includes 144 of the most commonly analyzed pesticides
- Maximize stability and solubility while minimizing unwanted analyte interaction
- Shorter calibration times, fewer injections and money savings



spex.com

Phone: +1.732.549.7144 • +1.800.LAB.SPEX
Fax: +1.732.603.9647
spexsales@antylia.com

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Premixed Pesticide Multi-Compound Certified Reference Materials

Build Your Pesticide Library with Spex CertiPrep Pesticide Mixes!

Chemical pesticides have become an integral part of the agricultural toolbox, offering protection to crops from destructive pests. However, an unfortunate side effect of their use is the potential leaching of these, oftentimes, harmful chemicals into the environment leading to their eventual presence in the human food chain. As a result, pesticide residue analysis has become a critical testing process for many different types of laboratories.

Unfortunately, pesticide residue testing is a long, expensive and complicated process, covering hundreds of different compounds. Fortunately, as the leader in GC, GC/MS, HPLC, and LC/MS pesticide CRMs, Spex CertiPrep is happy to assist you with all of your pesticide CRM needs.

For your convenience, we have designed a pesticide residue testing kit which includes 144 of the most commonly analyzed pesticides per EPA, AOAC, FDA, and other international testing methods. The kit is structured to maximize stability and solubility while minimizing unwanted analyte interaction and interference; enjoy shorter calibration times, fewer injections and money savings, as compared to purchasing individual pesticide standards.



Organic Certified Reference Materials



Designed for pesticide testing and analysis



Supplied with a Certificate of Analysis



ISO Accredited Standards

Premixed Pesticide Multi-Compound Certified Reference Materials

Pesticide Mix 1 Containing 16 Compounds in Acetonitrile					
Component	CAS #	Component	CAS #	Component	CAS #
Acetamiprid	135410-20-7	Chlorantraniliprole	500008-45-7	Pirimicarb	23103-98-2
Aldicarb	116-06-3	Fenoxycarb	78127-80-3	Tebufenpyrad	119168-77-3
Aldicarb sulfone	1646-88-4	Imazalil	35554-44-0	Thiacloprid	111988-49-9
Aldicarb sulfoxide	1646-87-3	Imidacloprid	138261-41-3	Trifloxystrobin	141517-21-7
Azoxystrobin	131860-33-8	Iprodione	36734-19-7		
Boscalid	188425-85-6	Piperonyl butoxide	51-03-6		
	Concentration		Volume	Part #	
	100 µg/mL for each component		1 mL	SPXPR-1	

Pesticide Mix 2 Containing 15 Compounds in Acetonitrile					
Component	CAS #	Component	CAS #	Component	CAS #
Azinphos-methyl	86-50-0	Dicrotophos	141-66-2	Malathion	121-75-5
Carbophenothion	786-19-6	Terbufos	13071-79-9	Phosmet (Imidan)	732-11-6
Coumaphos	56-72-4	Quinalphos	13593-03-8	Phosalone	2310-17-0
Ethoprophos (Ethoprop)	13194-48-4	Triazophos	24017-47-8	Methidathion	950-37-8
Dimethoate	60-51-5	Dyfonate (Fonofos)	944-22-9	Hexythiazox	78587-05-0
	Concentration		Volume	Part #	
	100 µg/mL for each component		1 mL	SPXPR-2	

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Pesticide Mix 3 Containing 15 Compounds in Acetonitrile					
Component	CAS #	Component	CAS #	Component	CAS #
Propargite (Omite)	2312-35-8	Spirodiclofen	148477-71-8	Methamidophos	10265-92-6
Carbaryl	63-25-2	Thiamethoxam	153719-23-4	Profenofos	41198-08-7
Myclobutanil (Systhane)	88671-89-0	Flonicamid	158062-67-0	Monocrotophos	6923-22-4
Dimethomorph	110488-70-5	Etofenprox	80844-07-1	Phenthoate	2597-03-7
Etoazole	153233-91-1	Phorate	298-02-2	Pirimiphos-methyl	29232-93-7
		Concentration	Volume	Part #	
		100 µg/mL for each component	1 mL	SPXPR-3	

Pesticide Mix 4 Containing 15 Compounds in Acetonitrile					
Component	CAS #	Component	CAS #	Component	CAS #
EPN	2104-64-5	Ethyl parathion	56-38-2	Diazinon	333-41-5
Dichlorvos	62-73-7	Methyl parathion	298-00-0	Chlorpyrifos	2921-88-2
Edifenphos	17109-49-8	Acephate	30560-19-1	Fipronil	120068-37-3
Ethion	563-12-2	Disulfoton	298-04-4	Fludioxonil	131341-86-1
Fenitrothion	122-14-5	Fenthion	55-38-9	Chlorothalonil	1897-45-6
		Concentration	Volume	Part #	
		100 µg/mL for each component	1 mL	SPXPR-4	

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Pesticide Mix 5 Containing 14 Compounds in Acetonitrile					
Component	CAS #	Component	CAS #	Component	CAS #
Baygon (Propoxur)	114-26-1	Oxamyl	23135-22-0	Linuron	330-55-2
Metalaxyl	57837-19-1	Paclbutrazol	76738-62-0	Isoproturon	34123-59-6
Methomyl	16752-77-5	Prochloraz	67747-09-5	Pencycuron	66063-05-6
Pymetrozine	123312-89-0	Clofentezine	74115-24-5	Oxydemeton-methyl	301-12-2
Pyraclostrobin	175013-18-0	Diuron	330-54-1		
	Concentration		Volume	Part #	
	100 µg/mL for each component		1 mL	SPXPR-5	

Pesticide Mix 6 Containing 15 Compounds in Acetonitrile					
Component	CAS #	Component	CAS #	Component	CAS #
Fenvalerate (Sanmarton)	51630-58-1	Pendimethalin (Prowl)	40487-42-1	Fenoprop (2, 4, 5-TP)	93-72-1
Pyridaben	96489-71-3	Kresoxim-methyl	143390-89-0	Bentazon	25057-89-0
tau-Fluvalinate	102851-06-9	Chlorpropham	101-21-3	Metolachlor	51218-45-2
Quinoxifen	124495-18-7	Epoxiconazole	133855-98-8	Quintozene (pentachloronitrobenzene)	82-68-8
Alachlor	15972-60-8	Fenpropathrin (mix of isomers)	64257-84-7	Captan	133-06-2
	Concentration		Volume	Part #	
	100 µg/mL for each component		1 mL	SPXPR-6	

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Pesticide Mix 7 Containing 8 Compounds in Acetonitrile					
Component	CAS #	Component	CAS #	Component	CAS #
Cypermethrin	52315-07-8	Tetramethrin	7696-12-0	Resmethrin (mix of isomers)	10453-86-8
Cyfluthrin (Baythroid)	68359-37-5	Prallethrin (mix of isomers)	23031-36-9	Pyrethrins (mix of isomers)	8003-34-7
Bifenthrin	82657-04-3	Permethrin (mix of isomers)	52645-53-1		
		Concentration	Volume	Part #	
		100 µg/mL for each component	1 mL	SPXPR-7	

Pesticide Mix 8 Containing 15 Compounds in Acetonitrile					
Component	CAS #	Component	CAS #	Component	CAS #
Abamectin (mix of isomers)	71751-41-2	Hexaconazole	79983-71-4	Spinetoram (J)	178166-40-1
Bifenazate	149877-1-8	Isoprocarb (MIPC)	2631-40-5	Spinosad (as Spinosyn A)	131929-60-7
Bromacil Hexaconazole	314-40-9	Methiocarb	2032-65-7	Spiromesifen	283594-90-1
Fenobucarb (BPMC)	3766-81-2	Propazine	139-40-2	Spirotetramat	203313-25-1
Fenpyroximate	111812-58-9	Propiconazole (Tilt)	60207-90-1	Tebuconazole (Folicur)	107534-96-3
		Concentration	Volume	Part #	
		100 µg/mL for each component	1 mL	SPXPR-8	

Pesticide Mix 9 Containing 16 Compounds in Acetonitrile:Acetone 9:1					
Component	CAS #	Component	CAS #	Component	CAS #
2,4-DB	94-82-6	Fenamiphos-sulfone	31972-44-8	Cyanazine (Bladex)	21752-46-2
Fenoxaprop	95617-09-7	Molinate	2212-67-1	Simazine	122-34-9
Fluometuron	2164-17-2	3-Hydroxycarbofuran	16655-82-6	Atrazine	1912-24-9
Fenhexamid	126833-17-8	Thiophanate-methyl	23564-05-8	Atrazine-desethyl	6190-65-4
Trichlorfon (Dylox)	52-68-6	Acequinocyl	57960-19-7		
Fenamiphos-sulfoxide	31972-43-7	Carbofuran	1563-66-2		
		Concentration	Volume	Part #	
		100 µg/mL for each component	1 mL	SPXPR-9	

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Pesticide Mix 10 Containing 15 Compounds in Acetonitrile					
Component	CAS #	Component	CAS #	Component	CAS #
Aldrin	309-00-2	o-p'-DDT	789-02-6	Endrin ketone	53494-70-5
p-p'-DDE	72-55-9	p-p'-DDT)	50-29-3	Isodrin	465-73-6
o-p'-DDD	53-19-0	Dieldrin	60-57-1	Chlordecone	143-50-0
p-p'-DDD	72-54-8	Endrin	72-20-8	Metribuzin	21087-64-9
o-p'-DDE	3424-82-6	Endrin aldehyde	7421-93-4	Mirex	2385-85-5
		Concentration	Volume	Part #	
		100 µg/mL for each component	1 mL	SPXPR-10	

Pesticide Kit	
Kit Contains	
SPXPR-1	SPXPR-6
SPXPR-2	SPXPR-7
SPXPR-3	SPXPR-8
SPXPR-4	SPXPR-9
SPXPR-5	SPXPR-10
Concentration	Volume
100 µg/mL for each component	1 mL
Part #	SPXPR-KIT

spex.com

Phone: +1.732.549.7144 • +1.800.LAB.SPEX
 Fax: +1.732.603.9647
 spexsales@antylia.com

4772Z

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 Antylia Scientific company.
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