



## Pesticide Mixes and Kits

### Premixed Pesticide Multi-Compound Certified Reference Materials

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 uses 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 pesticide CRMs for GC, GC/MS, HPLC and LC/MS, SPEX CertiPrep is happy to assist our customers with all of their 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.

Description	Concentration	Volume	Part #
Pesticide Kit containing all 10-multi-compound mixes	100 µg/mL	1 mL	SPXPR-KIT
Pesticide Mix 1 containing 16 compounds in acetonitrile	100 µg/mL	1 mL	SPXPR-1
Pesticide Mix 2 containing 15 compounds in acetonitrile	100 µg/mL	1 mL	SPXPR-2
Pesticide Mix 3 containing 15 compounds in acetonitrile	100 µg/mL	1 mL	SPXPR-3
Pesticide Mix 4 containing 15 compounds in acetonitrile	100 µg/mL	1 mL	SPXPR-4
Pesticide Mix 5 containing 14 compounds in acetonitrile	100 µg/mL	1 mL	SPXPR-5
Pesticide Mix 6 containing 15 compounds in acetonitrile	100 µg/mL	1 mL	SPXPR-6
Pesticide Mix 7 containing 8 compounds in acetonitrile	100 µg/mL	1 mL	SPXPR-7
Pesticide Mix 8 containing 15 compounds in acetonitrile	100 µg/mL	1 mL	SPXPR-8
Pesticide Mix 9 containing 16 compounds in acetonitrile:acetone (9:1)	100 µg/mL	1 mL	SPXPR-9
Pesticide Mix 10 containing 15 compounds in acetonitrile	100 µg/mL	1 mL	SPXPR-10

### European Pesticide Mix

We are introducing a new pesticide mix to address the European Commission's Regulation 2017/170. The Commission has amended Annexes II, III and V to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards to maximum residue levels for bifenthrin, carbetamide, cinidon-ethyl, fenpropimorph, and triflurosulfuron in or on certain products.

Description	Concentration	Volume	Part #
European Pesticide Mix	100 µg/mL	1 mL	EU-2017-170



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