




Selection Guide for Dispersive Kits, Phase 2

Methods					
Types	Quantity per pack	EN 15662	AOAC 2007.1	Mini Multiresidue	Others
General Fruits and Vegetables: Removes polar organic acids, some sugars and lipids					
	100 tubes, 2mL	25mg PSA 150mg MgSO4 Part No. JGF00102P	50mg PSA 150mg MgSO4 Part No. JGF00502P	25mg PSA 150mg MgSO4 Part No. JGF00102P	
	50 tubes, 15mL	150mg PSA 900mg MgSO4 Part No. JGF00515P	400mg PSA 1200mg MgSO4 Part No. JGF00115P		
Fruits and Vegetables with Fats and Waxes: Removes polar organic acids, some sugars, more lipids and sterols					
	100 tubes, 2mL	25mg PSA 25mg C18 150 mg MgSO4 Part No. JGF00202P	50mg PSA 50mg C18 150mg MgSO4 Part No. JGF00602P	25mg PSA 25mg C18 150mg MgSO4 Part No. JGF00202P	
	50 tubes, 15mL	150mg PSA 150mg C18 900mg MgSO4 Part No. JGF00815P	400mg PSA 400mg C18 1200mg MgSO4 Part No. JGF00215P		150mg C18 900mg MgSO4 Part No. JGF00815P
Pigmented Fruits and Vegetables: Removes polar organic acids, some sugars and lipids, and carotinoides and chlorophyll; not for use with planar pesticide					
	100 tubes, 2mL	25mg PSA 2.5mg GCB 150mg MgSO4 Part No. JGF00302P	50mg PSA 50mg GCB 150mg MgSO4 Part No. JGF00702P	25mg PSA 2.5mg GCB 150mg MgSO4 Part No. JGF00302P	50mg PSA 50mg GCB 150mg MgSO4 Part No. JGF00702P
	50 tubes, 15mL	150mg PSA 15mg GCB 900mg MgSO4 Part No. JGF00615P	400mg PSA 400mg GCB 1200mg MgSO4 Part No. JGF00315P		
Highly Pigmented Fruits and Vegetables: Removes polar organic acids, some sugars and lipids, plus high levels of carotinoides and chlorophyll; not for use with planar pesticides					
	100 tubes, 2mL	25mg PSA 7.5mg GCB 150mg MgSO4 Part No. JGF00402P	50mg PSA 50mg C18 50mg GCB 150mg MgSO4 Part No. JGF00802P	25mg PSA 7.5mg GCB 150mg MgSO4 Part No. JGF00402P	
	50 tubes, 15mL	150mg PSA 45mg GCB 900mg MgSO4 Part No. JGF00715P			300mg PSA 150mg GCB 900mg MgSO4 Part No. JGF00915P
Fruits and Vegetables with Pigments and Fats: Removes polar organic acids, some sugars and lipids, plus carotinoides and chlorophyll; not for use with planar pesticides					
	100 tubes, 2mL		50mg PSA 50mg C18 50mg GCB 150mg MgSO4 Part No. JGF00802P		
	50 tubes, 15mL		400mg PSA 400mg C18 400mg GCB 1200mg MgSO4 Part No. JGF00415P		
Other Food Methods: Removes biological matrix interferences, including hydrophobic substances (fats, lipids) and proteins					
	100 tubes, 2mL		25mg C18 150mg MgSO4 Part No. JGF00902P		
	50 tubes, 15mL		150mg C18 900mg MgSO4 Part No. JGF01115P		

QuEChERS Instructions

QuEChERS (Quick, Easy, Cheap, Effective, Rugged & Safe) offer a convenient and effective approach for determining pesticide residues in fruits, vegetables, and other foods.

The J.G. Finneran QuEChERS Extraction and Dispersive SPE Kits enable you to work with specific methods, including:

1. **European EN 15662 Method** - Foods and Plant Origin - Determination of Pesticide Residues using GC-MS and/or LC-MS/MS following Acetonitrile Extraction/Partitioning and Clean-up by Dispersive SPE - QuEChERS method.
2. **AOAC Official 2007.01 Method** - Pesticide Residues in Food by Acetonitrile Extraction and Partitioning with Magnesium Sulfate.
3. **Mini-multiresidue Method** - Method for the Analysis of Pesticide Residues in Low-Fat Products.

Our products make it simple to prepare your food samples for analysis with:

- High recoveries
- Accurate results
- High sample throughput
- Minimal solvent use
- Less labor
- Lower costs

We offer QuEChERS Extraction and Dispersive SPE products in a variety of standard sizes and formats.

- Extraction kits contain preweighed salts, so you can add them after the Acetonitrile Extraction step, protecting the integrity of your sample.
- Dispersive SPE kits are assembled in 2mL and 15mL sizes, they are preweighed and premixed with the right mix of salts and sorbents for your aliquot volume.

