

HyperSep Dispersive SPE Multipacks

QuEChERS reagents are provided in individual metalized pouches. Each pack of 50 pouches is supplied with 50 empty centrifuge tubes with plug seal caps.

HyperSep Dispersive SPE Multipacks

Description	Cat. No.	Quantity
4000mg magnesium sulfate, 1000mg sodium chloride	60105-332	50 Pack
4000mg magnesium sulfate, 1000mg sodium chloride, 500mg sodium citrate dibasic sesquihydrate, 1000mg sodium citrate tribasic	60105-333	50 Pack
4000mg magnesium sulfate, 1g sodium acetate	60105-334	50 Pack
6000mg magnesium sulfate, 1500mg sodium acetate	60105-335	50 Pack
6000mg magnesium sulfate, 1500mg sodium chloride	60105-336	50 Pack
6000mg magnesium sulfate, 1500mg magnesium sulfate, 1500mg sodium citrate dihydrate, 750mg disodium citrate sesquihydrate	60105-337	50 Pack
8000mg magnesium sulfate, 200mg of sodium chloride	60105-338	50 Pack
8000mg magnesium sulfate, 3500mg of sodium chloride	60105-339	50 Pack

HyperSep Dispersive SPE Mylar Packs

QuEChERS reagents are provided in individual pouches. Each pack contains 50 pouches (no centrifuge tubes are supplied).

HyperSep Dispersive SPE Mylar Packs

Description	Cat. No.	Quantity
Mylar pouch: 4000mg magnesium sulfate, 1000mg sodium chloride	60105-340	50Pk
Mylar pouch: 6000mg magnesium sulfate, 1500mg sodium acetate (anhydrous)	60105-341	50Pk
Mylar pouch: 6000mg magnesium sulfate, 1500mg sodium chloride – (no tubes)	60105-342	50Pk
Mylar pouch: 6000mg magnesium sulfate, 1500mg sodium chloride, 1500mg sodium citrate dihydrate, 750mg disodium citrate sesquihydrate	60105-343	50Pk
Mylar pouch: 4000mg magnesium sulfate, 1000mg sodium chloride, 500mg sodium citrate dibasic sesquihydrate, 1000mg sodium citrate tribasic	60105-344	50Pk
Mylar pouch: 1.2g sodium chloride	60105-345	50Pk
Mylar pouch: 4g sodium sulfate and 0.5g magnesium sulfate	60105-346	50Pk

QuEChERS Methods

For non-base sensitive compounds, such as bendiocarb and diuron using the original QuEChERS method

- Add 15mL of acetonitrile to QuEChERS centrifuge tube
- Shake to mix contents
- Add surrogate or internal standards if necessary
- Add 15g of homogenised hydrated sample and shake for 1 minute
- Centrifuge tube for 1 minute at 3700rcf
- Add an aliquot of the supernatant to the appropriate clean-up tube (and shake for 1 minute)
- Centrifuge for 1 minute at 3700rcf
- Analyze extract

For base sensitive compounds such as folpet and captan using the AOAC 2007.01 QuEChERS method

- Add 15mL of 1% acetic acid in acetonitrile to QuEChERS centrifuge tube
- Shake to mix contents
- Add surrogate or internal standards if necessary
- Add 15g of homogenised hydrated sample and shake for 1 minute
- Centrifuge tube for 1 minute at 3700rcf
- Add an aliquot of the supernatant to the appropriate clean-up tube and shake for 1 minute
- Centrifuge for 1 minute at 3700rcf
- Analyze extract

For non-base sensitive compounds using the European EN15662 method

- Weigh 15g of homogenized (hydrated at least 80%) sample in a 50mL centrifuge tube
- Add 15mL acetonitrile (or 1:1 acetone/hexane, ethyl acetate) and IS
- Shake briefly
- Add 6g anhydrous magnesium sulfate, 1.5g sodium chloride, 1.5g sodium citrate tribasic dehydrate, 0.75g sodium citrate dibasic
- Shake by hand for 1 minute
- Centrifuge at 5,000 rpm for 5 minutes
- Transfer a portion of supernatant to a QuEChERS clean up tube
- Shake for 30 seconds
- Centrifuge for 1 minute at 6,000 rpm

For polar aromatic (planar) compounds such as matrix plant pigments using the Schenck method

- Pre-rinse the cartridge with 5mL of toluene
- Add an aliquot of the supernatant to the cartridge
- Start collection
- Elute with 6-12mL of 3:1 acetone:toluene
- Concentrate for GC/MS analysis – or –
- Concentrate to dryness and reconstitute in mobile phase for LC analysis

