

Pesticide Extraction of Grass and Other Leafy Vegetation by QuEChERS Using ChloroFiltr® Clean-Up



UCT Part Numbers

ECQUEU750CT-MP

4000 mg MgSO₄, 1000 mg NaCl, 500 mg sodium citrate dibasic sesquihydrate, 1000 mg sodium citrate tribasic dihydrate

CUMPSGG2CT

150 mg MgSO₄, 50 mg PSA and 50 mg ChloroFiltr®, 2 mL cent. tube

ECMPSGG15CT

900 mg MgSO₄, 300 mg PSA and 150 mg ChloroFiltr®, 15 mL cent. tube

Procedure:

1. Sample Preparation

- Add 10 g of homogenized and hydrated sample (> 80% moisture) to a centrifuge tube
- Add 10 mL acetonitrile including internal standard
- Shake or vortex for 30 seconds
- Add the contents of package **ECQUEU750CT-MP** to centrifuge tube
- Immediately shake vigorously for 1 minute
- Centrifuge for 2 minutes at 3450 rcf
- Draw 1 mL or 3 mL of supernatant for clean-up

2. Condition Cartridge

- For 1 mL of supernatant, use product **CUMPSGG2CT**
- For 3 mL of supernatant use product **ECMPSGG15CT**
- Add supernatant to centrifuge tube and shake vigorously for 1 minute
- Centrifuge for 2 minutes at 3450 rcf

Note: Triphenyl phosphate (TPP) may be used as a surrogate.

Calibrating instruments using matrix matched standards is suggested

DCN-313150-267

UCT, LLC • 2731 Bartram Road • Bristol, PA 19007 800.385.3153 • 215.781.9255

www.unitedchem.com Email: methods@unitedchem.com

©UCT, LLC 2013 • All rights reserved

