



Clean-up Procedure for Organochlorine Pesticides and PCB Extracts Using Florisil® Columns

UCT Part Number:

EUFLSA1M6 (1000 mg small particle Grade A Florisil® 6 ml, for slower gravity flow) **or**

EUFLS1M6 (1000 mg regular particle PR Grade Florisil® 6 ml, for more viscous samples)

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Florisil® is a magnesium silicate with basic properties designed to remove polar interferences from organochlorine pesticide and PCB extracts in hexane prior to GC analysis

Procedure

1. Pre-rinse the Florisil® column with 10 mL of 90:10 hexane/acetone*
2. Discard solvent
3. Add a collection tube under the column
4. Add a 2 mL aliquot of the sample extract (in hexane) to the column
5. Collect extract by gravity
6. Add 10 mL of 90:10 hexane/acetone to the column
7. Continue to collect by gravity or low vacuum
8. Gently evaporate the extract to a volume of 1 mL
9. Adjust eluate to a final volume of 2 mL with hexane
10. Sample is now ready for analysis

*Solvent should be prepared fresh weekly

Florisil® is a registered trademark of U.S. Silica Co.

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