

SPE

Solid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE127

ISOLATION OF PCBs FROM TRANSFORMER OIL

Spe-ed™ Cartridge	Cat. No. 2117-Florisil, 1,000mg/6mL. Process with <i>Spe-ed Mate</i>
Sample Preparation	Dissolve 0.25gms. of sample in 20mL of hexane.
Cartridge Conditioning	2 x 5mL of hexane. DO NOT ALLOW CARTRIDGE TO RUN DRY!
Sample Addition	Fill cartridge 2/3 full with sample solution. Insert universal adaptor on top of cartridge. Insert 75mL reservoir on top adaptor. Fill reservoir with sample solution and aspirate through cartridge at 5-8/minute. Add remaining sample solution to reservoir and do not allow the reservoir to empty until the last volume of sample solution is added. Aspirate all sample solution from cartridge.

Note: *Since sample matrix interferences and concentrations may vary from sample to sample, it may be necessary to adjust the wash and elution solvent/solution strength and/or volume to optimize isolation.*

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