

SPE

Solid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE250

ISOLATION OF PCBs FROM OIL

Spe-ed™ Cartridge	Cat. No. 2117-FLO Florisil, 1,000mg/6mL. Process on a <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 $\frac{2}{3}$ full with sample solution. Insert universal adaptor on top of cartridge. Insert 75mL reservoir on top of adaptor. Fill reservoir with sample solution, and aspirate through cartridge at 5-8mL/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, and collect eluate.

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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