SPE172

ISOLATION OF ORGANOPHOSPHORUS PESTICIDES FROM WATER

***Spe-ed*™ Cartridge**	Cat. No. 12002- Octadecyl C18/18%, 200mg/3mL. Process with ***Spe-ed* Mate.**
Cartridge Conditioning	2mL of methanol. 2mL of deionized water. **DO NOT ALLOW CARTRIDGE TO RUN DRY!**
Sample Addition	Aspirate 100mL of water sample through the cartridge at 3-5mL/ minute.
Cartridge Wash	2mL deionized water.
Analyte Elution	2mL methyl tert-butyle ether (MTBE).
Analyte Evaporation	Pass elute through a hydrous sodium sulfate.
GC Conditions **Column** **Detector** **Temperature Program**	30m x 0.53mm DB-608 (J+W) Flame photometric detector at 300°C. 100°C. (5 minutes.) to 270°C. (5 minutes) at 80/ minutes.

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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