

**SPE**Solid Phase  
Extraction

# Application Note

World Leaders in Sample Preparation

**SPE167****ISOLATION OF CARBARYL FROM WATER**

<b>Spe-ed™ Cartridge</b>	Cat. No. 12006- Octadecyl C 18/14%, 500mg/3mL. Process with <i>Spe-ed Mate</i> .
<b>Cartridge Conditioning</b>	4mL methanol. 5mL water.
<b>Sample Addition</b>	Attach sample reservoir to cartridge. Add 1,000mL water to cartridge. Aspirate sample through cartridge.
<b>Cartridge Wash</b>	4mL HPLC- grade water
<b>Analyte Elution</b>	2mL acetonitrile
<b>HPLC Conditions</b>	C18 (10um), 30cm x 4mm
<b>Column</b>	Acetonitrile: water (43:57)
<b>Mobile Phase</b>	1mL / minute
<b>Flow Rate</b>	222nm 0.04 aufs
<b>Detection</b>	

**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.*

The logo for Applied Separations, featuring the company name in a bold, sans-serif font with horizontal lines above the word "Applied".

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