

SPESolid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE168**ISOLATION OF CARBARYL FROM FRUIT JUICE**

Spe-ed™ Cartridge	Cat. No. 2003-Octadecyl C18/18%, 500mg/3mL. Process with <i>Spe-ed Mate</i>
Cartridge Conditioning	4mL methanol. 5mL water.
Sample Addition	Attach 75mL sample reservoir to cartridge, and aspirate 60mL of fruit juice through cartridge.
Cartridge Wash	5mL acetonitrile: water (25:75)
Analyte Elution	2mL acetonitrile: water (75:25). Inject 50uL into HPLC
HPLC Conditions	C18, 5um, 150cm x 4.6mm
Column	Methanol: water: acetonitrile (40:45:15)
Mobile Phase	1mL / minute
Flow Rate	224nm, 0.04 aufs
Detection	

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, italicized sans-serif font. The word "Applied" is positioned above "Separations", and there are horizontal lines to the left of the text.

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