

SPESolid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE219**ISOLATION OF AMOXICILLIN FROM PLASMA**

Spe-ed™ Cartridge	Cat. No. 2003-Octadecyl C18/14%, 500mg/3mL. Process on <i>Spe-ed Mate</i> .
Sample Preparation	Dilute 1mL of plasma with 1mL of 0.02 M KH ₂ PO ₄ .
Cartridge Conditioning	4mL of methanol. 1mL of 0.02M KH ₂ PO ₄ .
Sample Addition	Aspirate prepared sample completely through cartridge.
Cartridge Wash	1mL of 0.02 M KH ₂ PO ₄ . 0.5mL water.
Analyte Elution	2mL water / methanol (85:15).

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 several horizontal lines to the left of the text.

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