

**SPE**Solid Phase  
Extraction

# Application Note

**World Leaders in Sample Preparation****SPE177**

## ISOLATION OF ANABOLIC STEROIDS FROM URINE AND SERUM

<b>Spe-ed™ Cartridge</b>	Cat. No. 12001- Octadecyl C18/18%, 100mg/1mL. Process with <i>Spe-ed Mate</i> .
<b>Sample Preparation</b>	Dilute 1mL of serum with 1mL water.
<b>Cartridge Conditioning</b>	1mL methanol. 1mL of water. <b>DO NOT ALLOW CARTRIDGE TO RUN DRY!</b>
<b>Sample Addition</b>	Attach sample reservoir to cartridge. Add 10mL urine, or 4mL serum to cartridge. Aspirate sample slowly through the cartridge.
<b>Cartridge Wash</b>	1mL of 50% methanol. Air-dry cartridge for 15 minutes.
<b>Analyte Elution</b>	3mL methanol. Concentrate to dryness using heat (<45°C.) and under a stream of nitrogen. Inject 1-2uL into GC.

**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.

930 Hamilton Street · Allentown, PA 18101  
610-770-0900 · 610-740-5520 (fax)  
[www.appliedseparations.com](http://www.appliedseparations.com)