

SPESolid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE202**ISOLATION OF ENKEPHALINS FROM URINE**

Spe-ed™ Cartridge	Cat. No. 14001-Octadecyl C18/14%, Mini Spe-ed . Process on a Spe-ed Mate .
Sample Preparation	1mL urine with 1mL 0.5 M formic acid/ Pyridine buffer pH 3.
Cartridge Conditioning	2mL methanol. 5mL distilled water. 5mL 0.5 M formic acid/ pyridine buffer at pH 3 *
Sample Addition	Aspirate sample completely through cartridge. Collect fraction.
Analyte Elution	1mL formate / pyridine buffer*. Collect fraction. 1mL 10% N propanol in formate / pyridine buffer*. Collect fraction. 1mL 20% N propanol in formate/ pyridine buffer*. Collect fraction. 1mL 30% N propanol in formate/ pyridine buffer*. Collect fraction.

*Lewis, R.V.(1979) Int. J. Peptide protein Res. 13, 493-497.

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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