

# SPE

Solid Phase  
Extraction

# Application Note

World Leaders in Sample Preparation

## SPE185

### ISOLATION OF THIAMINE FROM AQUEOUS SAMPLES

<b>Spe-ed™ Cartridge</b>	Cat. No. 2201-CN Cyanopropyl, 100mg/1mL. Process with <i>Spe-ed Mate</i> .
<b>Sample Preparation</b>	Adjust pH to 5.0 with sodium acetate buffer.
<b>Cartridge Conditioning</b>	2mL of methanol, followed by 1mL of distilled water.
<b>Sample Addition</b>	Add sample to cartridge. Aspirate sample completely through cartridge.
<b>Cartridge Wash</b>	0.5mL distilled water, followed by 2 sequential 0.5mL volumes of 20% methanol / 80% distilled water.
<b>Analyte Elution</b>	2 sequential 0.5mL volumes of 0.1M ammonium acetate in methanol.

Applied  
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