

**SPE**Solid Phase  
Extraction

# Application Note

World Leaders in Sample Preparation

**SPE136**

## REMOVAL OF BETA CAROTENE FROM MULTI-VITAMINS TABLET EXTRACTS OF VITAMINS A, D, E, AND K

<b>Spe-ed™ Cartridge</b>	Cat. No. 2003- Cyanopropyl 500mg/3mL. Process with <i>Spe-ed Mate</i> .
<b>Sample Preparation</b>	Re-dissolve an evaporated C18 or solvent extract in 1.0mL of-hexane.
<b>Sample Addition</b>	Add 0.5mL of sample to the cartridge aspirate the sample through the cartridge at low vacuum (1-2in. Hg).
<b>Cartridge Wash</b>	2mLs of n-hexane. Aspirate at low vacuum.
<b>Analyte Elution</b>	2 sequential 1.0mL volumes of 25% n-hexane / 75% methylene chloride. It may be necessary to evaporate and reconstitute in an analytically suitable solvent.

The logo for Applied Separations, featuring the company name in a bold, italicized sans-serif font with horizontal lines above the word "Applied".

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