

SPESolid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE224**ISOLATION OF TRIAZINE HERBICIDES
FROM PLANT EXTRACTS**

Spe-ed™ Cartridge	Cat. No 2003- Octadecyl 18%/14%, 500mg / 3mL. Process with Spe-ed Mate 10 or 30.
Sample Preparation	Mix 5gms. Of shredded plant tissue with 4gms. Anhydrous sodium sulfate, and 200mL methylene chloride: acetone (4:1). Mix for 20 minutes. Allow mixture to settle for 1 minute.
Cartridge Conditioning	1ml of methylene chloride. DO NOT ALLOW CARTRIDGE TO RUN DRY!
Sample Addition	Aspirate 2mL of prepared sample slowly Through cartridge.
Cartridge Wash	2mLs acetonitrile. Air dry for 5 minutes under Vacuum. 2 x 2 mLs of distilled water.
Analyte Elution	2mLs methanol. Dilute eluate with water, as Needed, for HPLC analysis.

NOTE: *Since sample matrix interferences and concentration 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, sans-serif font with horizontal lines above the word "Applied".

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