

SPE

Solid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE193

EXTRACTION OF METALS FOR SW846

Spe-ed™ Cartridge	Cat. No. 2193- Amberlite XAD-7, 500mg/3mL. Process with <i>Spe-ed Mate</i> .
Sample Preparation	Digest according to SW846. Filter digest, and dilute sample with equal volume of distilled water (approximately 0.01 M, pH 1-2)
Cartridge Conditioning	2 column volumes of distilled water. DO NOT ALLOW CARTRIDGE TO RUN DRY!
Sample Addition	Aspirate total sample completely through cartridge.
Cartridge Wash	2 column volumes of distilled water.
Analyte Elution	1 column volume of 50% ultra pure nitric acid. (It may be necessary to evaporate the sample, and to reconstitute in a suitable solvent – nitric acid.)

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