



# Removal of Sulfur from Environmental Samples Using Copper Beads

Product Number: ECCU01K

February 24, 2009

## 1. Post Sample Extraction

- a) Place 4 grams of copper beads in a glass vial
- b) Add 2 mL of liquid sample extract to the vial

## 2. Sulfur Removal

- a) Seal the glass vial and mix sample with copper beads for 2 minutes
- b) Allow to stand for approximately 10 minutes
- c) If sample contains high levels of sulfur, repeat process with 4 grams of fresh copper beads

**Note:** For the analysis of PCB type analytes, copper may reside in the extract

## 3. Analysis, GC/MS or LC/MS

- a) Transfer clean extract to auto sampler vial
- b) Inject 1-2  $\mu\text{L}$  for GC
- c) Inject 5-10  $\mu\text{L}$  for LC

DCN-904220-136