



THE CONCENTRATION OF LOW LEVELS OF BENZO(a)PYRENE IN WATER USING THE BIOTAGE
AFFINILUTE SPE COLUMN –25MG-MIP-PAH-3ML
PN# M73-0002-B

- (1) Precondition the column by passing 6 ml of ethyl acetate through the column-using nitrogen purge column of any ethyl acetate residue.
- (2) Condition the column by passing 2 ml of water through the column.
- (3) Pass the water (i.e. 35 mL is adequate for a 0.01 ppb detection) containing thebenzo(a)pyrene through the column at a rate of approximately 0.5 ml/min.
- (4) Wash the column with 3 ml of water-using nitrogen purge the column of anywater residue.
- (5) Elute the benzo(a)pyrene by passing and collecting 3ml of ethyl acetate throughthe column at the rate of approximately 0.2 ml/min.-using nitrogen purge the column of any ethyl acetate.
- (6) Evaporate the ethyl acetate using a nitrogen blanket leaving the bemzo(a)pyreneresidue.
- (7) Dissolve the residue by adding 1 ml of benzo(a)pyrene sample diluent into the vial.
- (8) Assay the sample using the ABRAXIS® Benzo(a)Pyrene Plate ELISA Kit.

For ordering or technical assistance contact:

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