

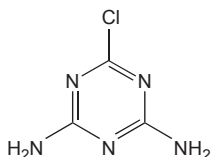
ATRAZINE AND METABOLITES IN DRINKING WATER

HPLC METHOD

COLUMN: SymmetryShield™ RP₁₈, 3.9 x 150 mm, 5 µm
PART NUMBER: 186000108
MOBILE PHASE A: 20 mM Phosphate buffer, pH 6.8
MOBILE PHASE B: Acetonitrile
GRADIENT:

Time (min)	%A	%B
0	95	5
2	95	5
20	25	75

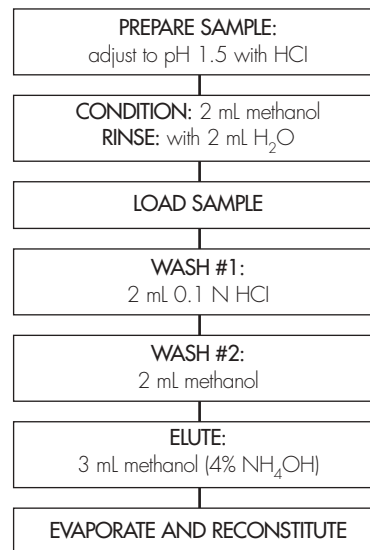
FLOW RATE: 0.8 mL/min
INJECTION VOLUME: 80 µL
DETECTION: PDA (215 nm)



DESETHYLDESISOPROPYLATRAZINE

OASIS® MCX SPE METHOD

Conditions for Oasis® MCX Cartridge, 6 cc, 150 mg
 Part Number 186000256



COMPOUNDS	% Recovery (% RSD), n=5	
	0.2 µg/L	1.0 µg/L
1. Hydroxydesisopropylatrazine	94 (3)	85 (3)
2. Desethyl-desisopropylatrazine	75 (8)	76 (5)
3. Hydroxydesethylatrazine	89 (6)	76 (7)
4. Desisopropylatrazine	79 (4)	83 (2)
5. Hydroxyatrazine	107 (7)	101 (2)
6. Desethylatrazine	79 (5)	83 (3)
7. Atrazine	89 (5)	77 (3)

