

# FUNGICIDES IN COMMERCIAL APPLE CIDER (LC/MS)

## LC/MS Method

#### LC CONDITIONS: COLUMN: XTerra® MS C<sub>18</sub>, 2.1 x 100 mm, 5 µm PART NUMBER: 186000450 MOBILE PHASE: 20% acetonitrile/80% 10 mM NH<sub>4</sub>HCO<sub>3</sub> (pH 8.3) FLOW RATE: 200 µL/min, split 1:1 through each detector INSTRUMENT: Alliance® Separations Module with 996 PDA

MS CONDITIONS: INSTRUMENT: INTERFACE:

Waters/Micromass Platform LC™ Positive Electrospray (ESI+) Multiple Selected+lon Recording (SIR)

### COMPOUNDS

Carbendazim
Thiabendazole

0

70 µg/L 170 µg/L



CARBENDAZIM



THIABENDAZOLE





sir Group	TIME MINS.	COMPOUND	MASS	CONE VOLTAGE	DWELL TIME	
1	0-6.5	Carbendazim	192.1	25V	1.0 secs	
2	6-15	Thiabendazole	202.0	35V	1.0 secs	

#### OASIS® MCX SPE METHOD

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



3 mL methanol (4% NH<sub>4</sub>OH)

EVAPORATE AND RECONSTITUTE