



1	Oxamyl	2	Methomyl	3	Aldicarb
	1 ppm		1 ppm		1 ppm
4	MTMC	5	PHC	6	Carbofuran
	1 ppm		1 ppm		1 ppm
7	MPMC	8	Carbaryl(NAC)	9	XMC
	1 ppm		1 ppm		1 ppm
10	MIPC	11	Ethiophencarb	12	Thiodicarb
	1 ppm		1 ppm		1 ppm
13	BPMC				
	1 ppm				

## HPLC Conditions

Column	CAPCELL PAK Ph UG120 S5 : 2.0 mm i.d.×250 mm
Reagent	{50mg OPA, 25μL 2-Mercaptoethanol} / 500mL 50mmol/L Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub>
Flow rate of reagent	150 μL/min
Mobile phase	(A) H <sub>2</sub> O (B) H <sub>2</sub> O / CH <sub>3</sub> CN = 50 / 50 B 23%(0min) - 38% (35min) - 50% (40min) - 50% (45min) Gradient
Flow rate	200 μL/min
Temperature	40 °C

Detect FL Ex. 339 nm, Em. 445 nm

Inj. vol. 1  $\mu$ L