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|----------------|------------------------|----------------------|
| 1 Oxamyl | 2 Methiocarb Sulfoxide | 3 Methiocarb Sulfone |
| 4 Aldicarb | 5 Bendiocarb | 6 Carbaryl |
| 7 Ethiofencarb | 8 Isoprocarb | 9 Phenocarb |
| 10 Methiocarb | | |

HPLC Conditions

Column	CAPCELL PAK C ₁₈ MG S5 : 2.0 mm i.d.×150 mm
Reagent	{ 100mg OPA, 10mL CH ₃ OH, 50μL 2-Mercaptoethanol } / 1L 50mmol/L Na ₂ B ₄ O ₇
Flow rate of reagent	100 μL/min
Mobile phase	(A) H ₂ O (B) CH ₃ OH (C) CH ₃ CN B 12%(0min) - 12% (1.0min) - 16% (1.1min) - 16% (13min) - 22% (15min) - 22% (37min) - 12% (39min) - 12% (45min) Gradient
Flow rate	200 μL/min
Temperature	40 °C
Detect	FL Ex. 340 nm, Em. 445 nm
Inj. vol.	4 μL