

# PESTICIDES DETECTION IN ORGANOCHLORINE & PYRETHROID)

Organochlorine- Pyrethroid	AP008-TM2 KIT (30 Test)



**Water Bath System**



**UV System**



**Accessories equipment Set**



## REAGENTS ORGACHLORINE & PYRETHROID

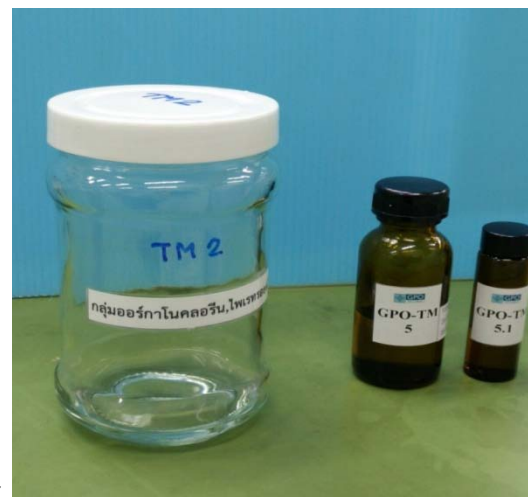


## Sample extract preparation

1.1 preparation the sample 1.2 take 5 gram (~4-6 mark) 1.3 take 5 ml.bottle sample 1.4 wait for 5 minute



## Process to detecting pesticides in food (OC/PYr)



### 1 Prepare reagent TLC Tank

GPO TM5 = 10 mL +GPO TM5.1 = 2mL put down and wait till 30 minutes



2 Preparation sample



2.2 5gram sample

2.1 small sample



2.3 extract reagent 5mL put 1 minute and wait 5 minutes



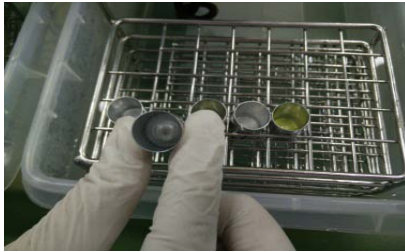
3 preparation the extract reagent



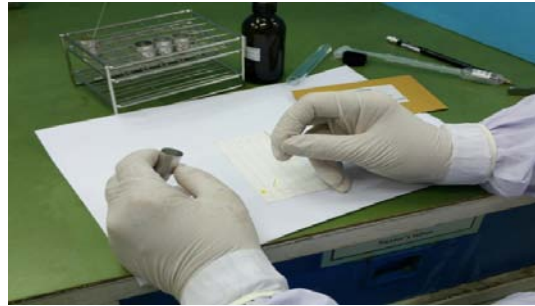
warm water -50 degree waiting till remain 2-3 dose

if dried reagent -2

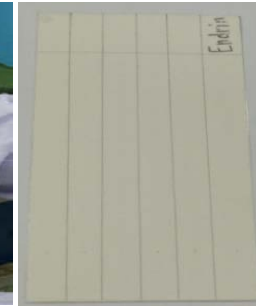
dose



Tube spot until reagent move spot1: 1 sample



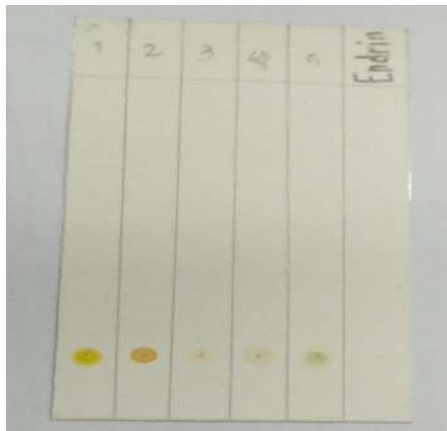
Mark sample name TLC



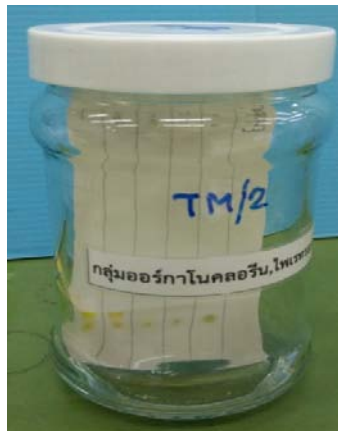
TLC continuing



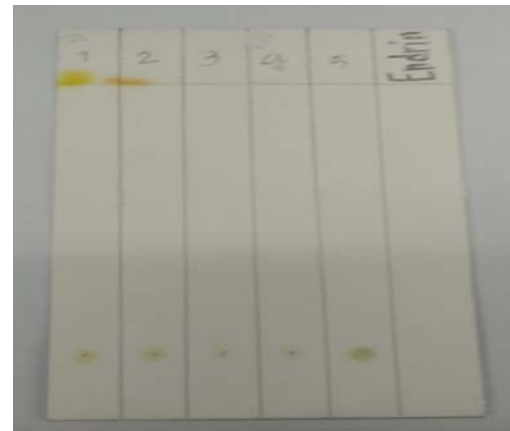
#### 4 TLC Continue



Spot completed all range



take TLC put into bottle TLC take it out when yellow (wait until dry)



#### 5 Color Test



Spray TM4 full paper card



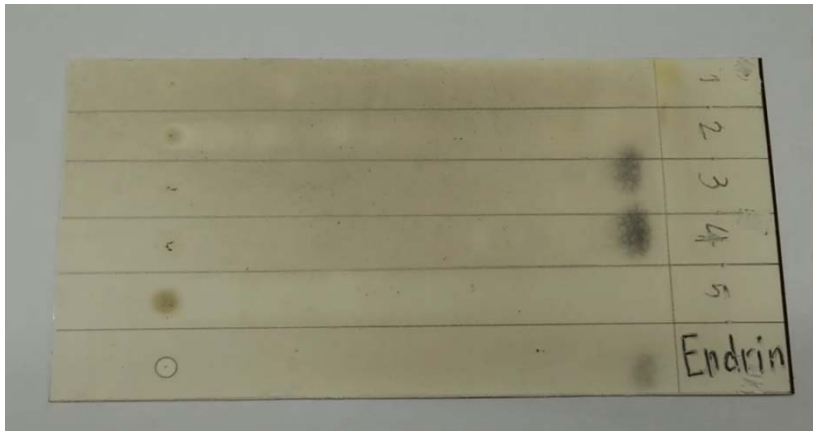
wait 1 minute



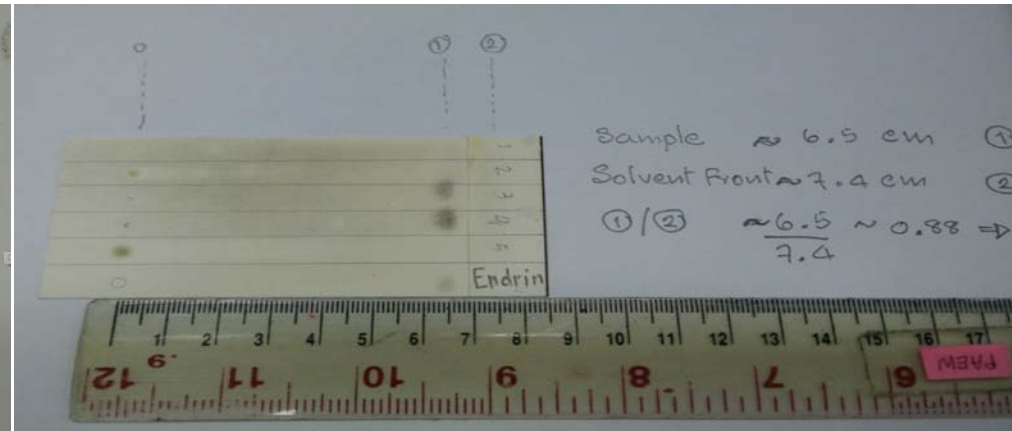
TLC-UV 254nm 3-5 minutes beware fires

### 6 Result

calculate Rf = sample /solvent front



Result spot down dard on TLC



Sample = distance spot the solution center spot positive result  
 distance Solvent front = the solution spot The liquid detergent line TLC

Thank you for your reading

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