



**THE PEST CONTROL PRODUCTS ACT
(CAP 346)**

Date

**ASSESSMENT OF INSTITUTIONS INVOLVED/ TO BE INVOLVED IN
CARRYING OUT STUDIES ON PHYSICAL AND CHEMICAL PROPERTIES OF
PESTICIDES**

1. OBJECTIVES OF THE VISIT

- a) To assess the capacity of private/public institutions to carry out studies on physical and chemical properties of pesticides for registration purposes (conventional and biopesticides).
- b) Make recommendations to PCPB based on the findings.

2. METHOD OF WORK

Actual visit to the institutions and private researchers, inspecting the facilities and interviewing staff involved in studies on physical and chemical properties of pesticides.

Name and Address of institution/researcher.....

Contact person, Tel No.....

Email.....

3. SPECIFIC REQUIREMENTS

During the visit the following items shall be evaluated:

ITEM		COMPLIANCE WITH REQUIREMENTS		
		Yes	No	Remarks
1	Physical facilities			
	Office space			
	Location/accessibility			
	Availability of Transport			
	Laboratory with facilities for: 1. studies on physical and chemical properties of pesticides ie			
	Density			
	Vapour pressure at 20/25°C			

	pH			
	Volatility			
	Hydrolysis DT ₅₀			
	Photolysis			
	Solubility in water			
	Solubility in organic solvents			
	n-octanol/water partition coefficient			
	Boiling point °C			
	Melting point °C			
	Decomposition temperature °C			
	Flammability			
	Flash point			
	Water content			
	Wettability			
	Persistent foaming			
	Particle size			
	Suspensibility / emulsifiability			
	Emulsion stability			
	Viscosity			
	Oxidizing properties			
	Absorption spectra – UV/Visible, infra-red, IMR, MS			
	Reactivity towards container material			
	Storage stability in proposed packaging			
2	Any specific internationally recognized testing guidelines to be followed			
3	Human Resources: 1. Qualifications 2. Experience in carrying out studies on physical and chemical properties			
4	Workers' safety			

5	Consistence with National legal mandate			
6	Testing organization accredited for any other work?			
7	Standard operating procedures			
8	Staff management – (structure and responsibilities)			
9	Proposed System of reporting – Internal Peer review committee? - Submission by head of department?			
10	Procedures of keeping records and for how long (archiving)			
11	Cost of doing trials			
12	Disposal consideration after testing			
13	Any other comment			
14	Recommendations			