



# toxtest

214 Beardy St, Armidale, NSW, 2350

**Support and Enquiries:**

E: hart@toxtest.com.au

P: 0439 54 7788 FAX: 02 6526 2123

www.toxtest.com.au

This is an **order form** for a Pesticide & PCB **Water** Analysis

# Water Analysis

## Testing for Pesticides & PCBs

### Cost: AU \$198.00

Ultra Sensitive Pesticide Analysis: Organo-chlorines (OC),  
Organo-phosphates (OP), Polychlorinated Biphenyls (PCB) -  
SW-PACK-027 See page 3 for details

Lab Use Only		
Relinquished By:		
Preservation: None / Ice / Ice bricks / Acidified / Filtered / Other:		
Received By:		
Condition on receipt: Ambient / Cool / Frozen / Other:		
Referrer <b>toxtest</b> Email: hart@toxtest.com.au		
Lab Sample Number & ID: SW-PACK-027 Pesticides Low Level		
Date:		Signed:

**Please print clearly - Especially email**

WATER Details (Tap, Bore, Tank, Hot, Cold, Location etc.)	Date
	Number of Samples
Name:	Phone:
Email:	

### Payment Method:

Cheque  Money Order  Credit Card  CC over Phone

Mastercard / Visa No: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Exp. Date: \_\_\_\_\_ Name on Card: \_\_\_\_\_ CVV: \_\_\_\_\_

Postal Address: \_\_\_\_\_

### Our Lab Details

**Support:** P| 0439 54 7788 E| hart@toxtest.com.au

**EAL** Environmental  
Analysis  
Laboratory

PO Box 157 ( Military Road)

LISMORE NSW 2480

P| 02 6620 3678 F| 02 6620 3957

eal@scu.edu.au, www.scu.edu.au/eal

# PESTICIDE & PCB WATER TEST

Details of Elements Tested | See Next Page

Please complete **Client Details** along with **Payment Method** overleaf -

Note that Payment is directly to EAL.

## Sample Collection

A 750ml sample in a clean glass bottle is required. (You can use a mineral water bottle – they are mostly 750ml). This helps avoid inadvertent contamination. Rinse the bottle four times with the sample water before collection. Fill bottle to overflowing, then cap so that minimal air is trapped. For dam, creek or spring waters, take the sample at a 10 to 20-centimetre depth and away from the bottom and sides. Tank waters can be collected at the tap or direct from the tank, depending on preference or access. Bores require pumping out for fifteen to twenty minutes prior to sample collection. If the sample is Drinking Water, make sure you collect it at the point and the temperature (hot or cold water) you actually drink it – i.e. at the tap in the kitchen. Location you got the water, your name and date of sampling, needs to be on the bottle. Package bottle in a box so it is secure and cool as possible and doesn't get damaged or leak. Enclose this form within the box along with any additional tests needed or other instructions.

Samples can be sent by post or courier. **TNT** (131 150 ) or **TOLL** (131 531) are our preferred couriers. Please use the following delivery address and mark sample as –

**URGENT DELIVERY OF SAMPLES FOR TESTING**

**SOUTHERN CROSS UNIVERSITY**

Environmental Analysis Laboratory (EAL)

Ground floor, N Block, Military Road

EAST LISMORE NSW 2480

EAL Contact No. 02 6620 3678 or 0419 984 088

# Selective Pesticides & PCBs analysed in this test

**OC Pesticides** - *Organochlorine (OC) pesticides are synthetic pesticides widely used all over the world. They belong to the group of chlorinated hydrocarbon derivatives, which have vast application in the chemical industry and in agriculture. These compounds are known for their high toxicity, slow degradation and bioaccumulation.*

Hexachlorobenzene (HCB), Alpha BHC, Lindane (gamma BHC), Heptachlor, Aldrin, Beta BHC, Delta BHC, Heptachlor epoxide, Alpha Endosulfan, Gamma Chlordane, Alpha Chlordane, p,p'-DDE, Dieldrin, Endrin, Beta Endosulfan, p,p'-DDD, p,p'-DDT, Endosulfan sulphate, Endrin Aldehyde, Methoxychlor, Endrin Ketone, Isodrin, Mirex, Oxychlordane

**OP Pesticides** - *Organophosphorous (OP) pesticides owe their toxic effect to the inhibition of cholinesterase enzyme activity in nervous tissue.*

Dichlorvos, Dimethoate, Diazinon (Dimpylate), Fenitrothion, Malathion, Chlorpyrifos (Chlorpyrifos Ethyl), Parathion-ethyl (Parathion), Bromophos Ethyl, Methidathion, Ethion, Azinphos-methyl (Guthion)

**PCBs** - *(Polychlorinated Biphenyls.) The most common way to measure PCBs is as Aroclors. Aroclor (Arochlor) was the trade name of the commercial PCB mixtures manufactured by the Monsanto Chemical Company. Australia banned the importation of PCBs in 1975. PCBs are amongst a broader group of harmful persistent organic pollutants (POPs) that are toxic, persist in the environment and animals, bioaccumulate through the food chain and pose a risk of causing adverse effects to human health and the environment. These are commonly measured along with pesticides due to their persistence in the environment.*

Arochlor 1016, Arochlor 1221, Arochlor 1232, Arochlor 1242, Arochlor 1248, Arochlor 1254, Arochlor 1260, Arochlor 1262, Arochlor 1268

Note that **Glyphosate** requires different analysis procedures and as such is a separate test and is available upon request. Cost is \$242. Call 0439 54 7788.

## TOXTEST and EAL

Environmental Analysis Laboratory (EAL): Phone – 02 6620 3678

**Toxtest Support:** Phone – 0439 54 7788