



Australian Government Analytical Laboratories

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S91/7357-60

CERTIFICATE OF ANALYSIS

CLIENT (0697): Waterways Products (Aust) P/L
(Attention: Daryl P Richards)
Unit 3, 355 Brighton Road
HOVE SA 5048

SAMPLE DESCRIPTION: Water Filter (Waterways Model CCI)

COMPOUND	Before filtration spiked	After filtration	Decrease %
PCB Screen	50	<1	>98
DDT	17	0.3	98
DDE	19	0.2	99
DDD	20	0.3	99
Dieldrin	19	0.4	98
Aldrin	15	0.2	99
BHC	18	<0.1	>99
HCB	14	<0.1	>99
Oxychlorane	17	0.2	99
Endrin	18	0.2	99
Heptachlor Epoxide	19	0.2	99
Lindane	19	<0.1	>99

The above results are expressed as ug/L (ppb).

Cadmium	0.52	0.09	83
Copper	1.3	<0.005	>99
Mercury	0.51	<0.05	>90
Lead	0.54	<0.05	>91
Zinc	5.5	0.27	95
Aluminium (not spiked)	0.09	<0.05	>44
E. coli (MPN/100mL)	24x10 ⁶	<1	100

The above results are expressed as mg/L (ppm), except for E. coli (most probable number/100mL).

Five litres of tap were spiked with the above compounds and pumped through the filter at 3.9 L/min. Approximately three litres of filtrate were discarded prior to collection. The water was analysed before and after filtration.

Signed *dl. Minter*
(for Director)
Date 31/7/91