

**Certificate of Analysis**  
**Dated: 03/05/2012**

**CLIENT:** Hydro Ecotech Pty Ltd  
 Unit 12, 2A Killara Avenue  
 Killara NSW 2071

**REF NO:** 1205364-1

**ATTN:** Stephen Kwan

**ORDER NO:** Not Given

**SAMPLE DESCRIPTION:**  
 1 x Eco Kleen

**DATE RECEIVED :** 12/04/12

**DATE COMMENCED :** 17/04/12

**EXAMINATION:** Anti-microbial Activity Challenge Test (Time-Kill Study)

**METHOD:** TMD-110-04

**CONDITIONS:**

**Test organisms:** 1. *Salmonella choleraesuis* ATCC 10708  
 2. *Escherichia coli* ATCC 10536

**Test Concentration:** Neat  
**Contact Time:** 3 minutes  
**Neutraliser:** T6 1:10  
**Test Temperature:** Ambient

**RESULTS:**

**Table 1: Surviving organisms after exposure to Eco Kleen.**

Contact Time	<i>Escherichia coli</i>		<i>Sal. Choleraesuis</i>	
	CFU/mL (Log <sub>10</sub> )	Log Red.	CFU/mL (Log <sub>10</sub> )	Log Red.
3 min.	<10 (Log 1.00)	>5.61	<10 (Log 1.00)	>5.64
Inoculum level	4.1x10 <sup>6</sup> (Log 6.61)		4.4x10 <sup>6</sup> (Log 6.64)	

CFU = Colony Forming Unit