

# Scientific Services

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K117287-8

17<sup>th</sup> November 2017

## LABORATORY REPORT

**SOURCE:** EcoTech (Europe) Limited

**ITEMS:** Antibacterial Probe Wipes (70% IPA) – expelled fluid

**TESTS:** BSEN1276:2009, Chemical Disinfectants & Antiseptics –  
Quantitative Suspension Test for the evaluation of bactericidal  
activity of chemical disinfectants and antiseptics used in food,  
industrial, domestic and institutional areas – test method and  
requirements (Phase 2, Step 1)  
Manufacturer: EcoTech (Europe) Limited  
Concentration: Neat (80% in test due to test procedure)  
Temperature: 20°C  
Contact time: 5 minutes  
Interfering substance: Bovine Albumin 3.0g/l (dirty)  
Storage conditions: Room temperature, out of direct sunlight  
Active substances: Not given  
Product appearance: Clear colourless fluid  
Test Date: 10<sup>th</sup> November 2017

Recovery: Dilution neutralisation, using:-  
Tryptone Soya Broth containing Tween 80 100ml/l,  
Lecithin 30g/l, Sodium thiosulphate 5g/l, L-histidine  
1g/l, L-cystine 1g/l

Test organism: Legionella pneumophila ATCC 33152

Incubation temperature: 37°C +/- 1°C

## **SUMMARY & CONCLUSIONS:**

### **K117287-8**

#### Summary of Results

<b>Organism</b>	<b>Control</b>	<b>Antibacterial Probe Wipes (70% IPA) Expelled fluid</b>	<b>Log Reduction</b>
Legionella pneumophila ATCC 33152	2.22x10 E8	<10 (<140)	>6.35 (>5.20)

All test results below 140 ( $1.4 \times 10^2$ ) are required to be reported as <140

Validation tests comply with acceptance criteria in that the Experimental Conditions Control (A), Neutraliser Toxicity Control (B) and Dilution Neutralisation Control (C)  $\geq$  0.5x Validation Suspension (Nvo).

All controls and validations are within the basic limits.

The product complies with the criteria of BSEN1276:2009 (log 5 reduction in 5 minutes) against Legionella pneumophila under the test conditions stated.

*KMSelf*

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**Detailed Results**      K117287-8

Legionella pneumophila      ATCC 33152

Test Suspension (N + No)

N	V <sub>C1</sub>	V <sub>C2</sub>		
10 <sup>-6</sup>	228	210	Weighted Mean = 2.22x10 E8 No = N/10 = 2.22x10 E7	log = 8.35
10 <sup>-7</sup>	23	27		log = 7.35

Test (Na)

V <sub>C1</sub>	V <sub>C2</sub>	mean		
<1	<1	<1	Na = mean x10 = <10 (<140)	log = <1 (<2.15)

Log Reduction

>6.35 (>5.20)

Validation & Controls

Validation Suspension (Nvo)

V <sub>C1</sub>	V <sub>C2</sub>	mean
58	50	54

Experimental Conditions Control (A)

V <sub>C1</sub>	V <sub>C2</sub>	mean
55	51	53

Neutraliser Toxicity Control (B)

V <sub>C1</sub>	V <sub>C2</sub>	mean
50	47	48.5

Dilution Neutralisation Control (C)

V <sub>C1</sub>	V <sub>C2</sub>	mean
47	44	45.5