hydrosense®

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HYDROSENSE PRO TEST – CERTIFICATE OF CONFORMANCE

The Hydrosense® PRO Legionella Test™ has been tested to ensure conformance with the published specification.

Key Specifications	Hollow Fibre Filtration	Unaided
	(a)	(b)
Limit of detection / CFU/L	100	100,000
Typical Recovery / %	20-100	n/a

a) Limit of detection with 250 mL of clean water processed under laboratory conditions.

b) Limit of detections determined using PHE *Legionella pneumophila* SG-1 and SG2-15 prepared reference materials Lenticules. Note: CFU counts and antigen presence do not always correlate – as they are measuring different physical parameters.

Species Detected	*Legionella pneumophila* Serogroup 1-15
Shelf Life	9 Months from date of manufacture

Intended Use
This product is NOT intended for clinical or medical diagnostic use.

This product is intended for use as part of an overall water treatment, management, and risk reduction approach and as with all testing methods, including lab culture testing, should not be used as the sole method of preventing outbreaks of Legionellosis.

European Directives
As European directives do not cover environmental detection tests, CE marking is not applicable.

Manufacture and Quality Control
Quality controls are in place to ensure traceability of components, and conformance to specifications.

Physical:	Labelling, Contents & Test assembly	PASS
Performance:	Negative water samples (Hard, soft, tap & cooling tower)	PASS
	Cross reaction (x17 common water bacteria)	PASS
	Cross reaction (x6 non SG-1-15 L. spp.)	PASS
	Positive testing (x9 L.p. SG-1 subgroups)	PASS
	Positive testing (x5 L.p. SG-2-15 subgroups)	PASS

Country of Origin
This product is manufactured in the United Kingdom (UK).

Batch Details

Batch No:	000001	Expiry:	December 2023
Tested By:	Hydrosense QC	Date:	22/03/2023
Released By:	Michael Connolly (Head of Development)	Date:	23/03/2023