

## Inter-laboratory Validation Tests Summary Praecautio E.coli Water Test

First inter-laboratory test conducted – November 2018:

<b>Bacterial count (E.coli per ml)</b>	<b>Praecautio E.coli water test result</b> Pos = Positive for E.coli Neg = Negative for E.coli	<b>SANAS accredited laboratory result</b> (number of bacteria isolated)
Greater 1000	Pos	Detected
Greater 100	Pos	Detected

### Conclusion

These preliminary tests indicated that the Praecautio E.coli water tests matched the SANAS accredited tests in terms of being able to detect E.coli.

Second inter-laboratory test conducted – July 2018:

# praecautio

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Number of Bacteria Colony forming units (bacteria) per ml of sample	Praecautio E.coli result (Duplicate swabs were taken) Pos = Positive for E.coli Neg = Negative for E.coli 18 hours incubation		SANAS accredited laboratory result
2.5 million	Pos	Pos	E.coli isolated
25 050	Pos	Pos	E.coli isolated
250	Pos	Pos	E.coli isolated
25	Pos	Neg	E.coli <b>not</b> isolated

## Conclusion

The Praecautio E.coli swabs matched up to the SANAS accredited test. At low concentrations, the Praecautio swabs are able to detect E.coli, whereas the SANAS accredited test was not. They are therefore more sensitive than the SANAS accredited test.

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