

Stability Testing of Liquid Sanitiser in a Water Bath

Client Details:

**Andrew Boyd,
Grant Instruments Ltd.**

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Prepared By: Dawn Mellors

Date Tested: 19.08.20 – 26.08.20

Test Details:

	Product and Test Criteria	Product and Test Details
Product Details	Lab reference	19214
	Name of Product(s)	Liquid Sanitiser
	Manufacturer	Grant Instruments Ltd.
	Batch Code	220519ES0800
	Storage Conditions	Ambient
	Active Substance	Hydrogen Peroxide
Experimental Conditions	Method	Bespoke
	Test Temperature	46°C ± 1°C
	Test Length	7 Days

Method Overview:

150ml of Liquid Sanitiser was added to a static water bath containing 15 litres of water. The water bath was set to 46°C ± 1°C.

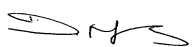
The water was tested every day for 7 days thereafter using the dipsticks provided by the customer to monitor the concentration of test product.

The experiment was carried out twice. The first time the bath was not used. The second time the bath had simulated usage. 500ml Duran bottles containing water were added to the bath. Monday – Friday these bottles were removed, handled, wiped with tissue and returned to the bath. This process was carried out at least twice per day.

Results:

	PPM	
Test Time Point	Without Usage	With Usage
Day 0	800	800
Day 1	800	600
Day 2	600	400-600
Day 3	200 - 400	400
Day 4	200 - 400	400
Day 5	200	200
Day 6	100	200
Day 7	100	100

Report Authorised By:



Dawn Mellors

 Technical Director