

## Certificate Of Analysis

Report NO: FM-2015-00330	Sample Description: Efficacy of Solar Thermal Water on Pathogens
Customer: Private Customer: Dijon Smith	
Address:	No. of Samples: 2
	Sample Condition: Warm
Contact: Dijon Smith	Sample Identification: Start Time: 10h45 ; Finish Time: 14h45 ; Outside Temperature on the 27/03/14: 30.5°C ; Temperature of Water After 4 hours ± 75°C
Phone: 083 564 3454 Fax:	
Order No: EFT	Date Received: 27-Mar-2015 Date Completed: 07-Apr-2015

### SAMPLE IDENTIFICATION

Analysis	Unit	Method	SAMPLE IDENTIFICATION	
			Lab No Sample ID	Sample ID
			FM-15-01704 (Spiked Deionised Water: Before Filling into Solar Water Heater - non electric)	FM-15-01705 (Spiked Deionised Water: After 4 Hours in Solar Water Heater - non electric)
Pseudomonas aeruginosa	CFU/100mL	MM-MIC006	160000000	<1
Faecal streptococcus	CFU/100mL	MM-MIC004	80000	<1
Heterotrophic Plate Count	CFU/mL	MM-MIC001	130000	24000
Faecal coliforms	CFU/100mL	MM-MIC003	12000	<1
Mould	CFU/100ml	MM-MIC007	60000000	40000
Salmonella spp. *	per 50mL	MM-MIC008	Present	Absent
E. coli	CFU/100mL	MM-MIC003	12000	<1
Sulphite Reducing Clostridia	CFU/100mL	MM-MIC005	10000000	<1
Total Coliforms	CFU/100mL	MM-MIC002	26000	<1
Vibrio spp. *	CFU/100mL	MM-MIC010	13000	<1
Yeast	CFU/100ml	MM-MIC007	800000	<1

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**Remarks:** \* This is not SANAS accredited and is not included in the SANAS Schedule of accreditation for this laboratory.



M Gurtal - Technical Signatory

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07-Apr-2015

Page 1 of 1