

6.5 Uganda Ministry of Water and Environment: Certificate of Analysis



MINISTRY OF WATER AND ENVIRONMENT
NATIONAL WATER QUALITY REFERENCE LABORATORY - ENTEBBE
 Certificate of Analysis

Client Name : Solar Sack, Denmark
 Client Address : Denmark
 Sample type & Location : Spring water sample spiked with Coliform bacteria from Namate cell, Entebbe, Uganda.
 Date received : 14th January 2020
 Test Completion date : 16th January 2020

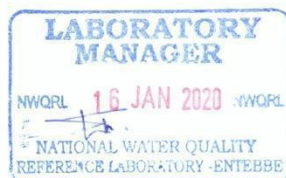
TEST RESULTS

Solar Sack, Denmark					
NAME OF CLIENT		Solar Sack, Denmark			
ADDRESS OF CLIENT		Denmark			
SOURCE NAME & TYPE		Spring water sample from Namate, Entebbe		DATE SAMPLED	14/01/2020
SOURCE LOCATION		Spring at Namate cell, Entebbe Municipal, Uganda		TEST COMPLETION DATE	16/01/2020
BACTERIOLOGICAL TEST RESULTS FOR SOLAR SACK WATER DISINFECTION TECHNOLOGY, "VERSION II".					
Sample ID	Time of solarSack exposure to sun (hours)	METHOD CODE	PARAMETER	TEST RESULTS (MPN/100ml)	DEAS 12:2017 Drinking water Standard (CFU/100ml)
Spring water sample spiked with coliforms	0	Collilert method	Total Coliform	435	<1
Spring water sample spiked with coliforms	0	Collilert method	E.Coli	57	<1
Spring water sample spiked with coliforms	2	Collilert method	Total Coliform	179	<1
Spring water sample spiked with coliforms	2	Collilert method	E.Coli	20	<1
Spring water sample spiked with coliforms	4	Collilert method	Total Coliform	<1	<1
Spring water sample spiked with coliforms	4	Collilert method	E.Coli	<1	<1
Spring water sample spiked with coliforms	5	Collilert method	Total Coliform	<1	<1
Spring water sample spiked with coliforms	5	Collilert method	E.Coli	<1	<1
Percentage disinfection				99.9%	

Notes;

- *Experiment conducted at the National Water Quality Reference Laboratory-Entebbe
- *TNTC-stands for Too Numerous To Count
- *CFU/100ml stands for Colon Forming Units per 100ml of water sample
- *MPN/100ml stands for Most Probable Number per 100ml of water sample
- * DEAS 12:2017 is East African Potable Water Standard for drinking water
- *Technology tested under very clear sunny conditions, the Ministry is not liable for misuse and users should follow manufacturers guide for proper usage.

Checked by



Water Quality Management Department
 Directorate of Water Resources Management Department
Waterquality.laboratory@mwe.go.ug
 P.O Box 19, Entebbe
 Tel: 041-321342

Issued by

