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Microbiological Test Report

CONFIDENTIAL

BATCH REFERENCE : 119255
SAMPLE ORIGIN : Ice for Africa
ATTENTION : Jacques Maree
E-MAIL : jacques@ice4africa.co.za
DATE RECEIVED : 14 December 2018
DATE ANALYSED : 15 December 2018
REPORT DATE : 21 December 2018

Test procedures marked * in this report are not included in the SANAS schedule of accreditation for this laboratory.

Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

Sample description:	Treated water after UV and big blue filter			
Supplier:	Ice for Africa			
Sampling location:	Water treatment plant			
Temperature at Sampling:	Room temperature			
Test	Laboratory method	Result	Comment	SANAS Accredited method
Total Plate Count (cfu/ml)	QPRO 002W	19	Satisfactory	Yes
Total Coliform Count (cfu/100ml)	QPRO 003W	None detected	Satisfactory	Yes
<i>E.coli</i> (cfu/100ml)	QPRO 003W	None detected	Satisfactory	Yes
Faecal Coliforms (cfu/100ml)	QPRO 020W	None detected	Satisfactory	Yes

If you have any questions please do not hesitate to contact our office.

Test report authorised by:

Technical Signatory

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QPRO | SAI Global Scoring Guidelines & Methods

Product Category :		Drinking Water
Opinions and interpretations are made on the basis of these recommended guidelines based on <u>SANS241 part 1</u> and other specs and are outside the scope of SANAS accreditation.		
Test	Laboratory method	Maximum Allowable Limit
Total Plate Count (cfu/ml)	QPRO 002W	≤ 1 000
Total Coliform Count (cfu/100ml)	QPRO 003W	≤ 10
<i>Escherichia coli</i> (cfu/100ml)	QPRO 003W	None detected
<i>Pseudomonas aeruginosa</i> (cfu/100ml)	QPRO 016W	None detected
Faecal Coliforms (cfu/100ml)	QPRO 020W	None detected
QPRO SAI Global RSD_{RC} values: QPRO 002W = 0.02319; QPRO 003W Coliforms = 0.04299; QPRO 003W <i>E.coli</i> = 0.02176; QPRO 016W = 0.02452; QPRO 020W = 0.04077 $UM = \log_{10}(c) \pm k \cdot RSD_{RC}$ where k is the appropriate coverage factor =2		

Definition of terms	
None detected – Food samples	<10 cfu/g
None detected – Swab samples	<10 cfu/25cm ²
None detected – Water samples	0 cfu/100ml or ml

Report End