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## Microbiological Test Report

### CONFIDENTIAL

**BATCH REFERENCE :** 116994  
**SAMPLE ORIGIN :** Ice for Africa  
**ATTENTION :** Jacques Maree  
**E-MAIL :** [jacques@ice4africa.co.za](mailto:jacques@ice4africa.co.za)  
**DATE RECEIVED :** 12 October 2018  
**DATE ANALYSED :** 13 October 2018  
**REPORT DATE :** 22 October 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.

<b>Sample description:</b>	<b>Treated water after big blue filter</b>			
<b>Supplier:</b>	<b>Ice for Africa</b>			
<b>Sampling location:</b>	<b>Water treatment plant</b>			
<b>Temperature at Sampling:</b>	<b>Room temperature</b>			
<b>Test</b>	<b>Laboratory method</b>	<b>Result</b>	<b>Comment</b>	<b>SANAS Accredited method</b>
Total Plate Count (cfu/ml)	QPRO 002W	12	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
<b>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.</b>		
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
<b>QPRO   SAI Global RSD<sub>RC</sub> values:</b> 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 <sup>2</sup>
None detected – Water samples	0 cfu/100ml or ml

Report End