

TEST REPORT

SABS

ICE FOR AFRICA GAUTENG
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Food and Water Chemistry

PO Number:
Contract: 1505
Our ref: CT-140402-00007
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Report No: 423
Date: 2014-05-16
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Final Report

Date received: 2014-04-02

Date commenced: 2014-04-07

Sample Details: FWC-W-140402-0007 (632603)

Sample Condition: Suitable For Testing
Sample Description: Ice For Africa Water Sample
Cresta
Sans 241

Analytical Results

Method Used	Test performed	SANS 241 - Drinking Water Partial	Results
DPD Comparator	Monochloramine as Cl ₂ , mg/L	≤3	<0.1
SANS 2160(B)	Taste, FTN	Inoffensive	Inoffensive
SANS 375 : 2005	Turbidity, NTU	≤5	<0.5
SANS 5213 : 2013	Total Dissolved Solids 180°C, mg/L	≤1200	145
SANS 7887 : 2005	Colour, Pt-Co mg/l	≤15	<10
SM 2150(B)	Odour, TON	Inoffensive	Inoffensive
T0319-5.4-01B	Conductivity at 25°C, mS/m	≤170	24.6
	pH at 25°C	≥5 to ≤9.7	6.4
Atomic Fluorescence	Antimony as Sb, mg/L	≤20	<0.020
	Arsenic as As, mg/L	≤10	<0.0100
	Mercury as Hg, mg/L	≤6	<0.001
	Selenium as Se, mg/L	≤10	<0.020
Colorimetric	Sulphate as SO ₄ , mg/L	≤500	19
Continuous Flow Analyser	Cyanide (Recoverable) as CN, µg/L	≤70	0.27
DPD Comparator	Free Chlorine as Cl ₂ , mg/L	≤5	<0.1
SANS 11885:2008	Aluminium as Al, µg/L	≤300	<10
	Cadmium as Cd, µg/L	≤3	<3
	Total Chromium as Cr, µg/L	≤50	<10
	Cobalt as Co, µg/L	≤500	<4
	Copper as Cu, µg/L	≤2000	<10

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SANS 11885:2008	Iron as Fe, µg/L	≤2000	<10
	Lead as Pb, µg/L	≤10	<4
	Manganese as Mn, µg/L	≤500	<4
	Nickel as Ni, µg/L	≤70	<5
	Vanadium as V, µg/L	≤200	<3
Subcontracted Lab T0168	Uranium as U, µg/L	≤15	<1.00
Colorimetric	Ammonia as N, mg/L	≤1.5	1.134
	Chloride as Cl ₂ , mg/L	≤300	24.20
	Fluoride as F, mg/L	≤1.5	0.82
	Nitrate as N, mg/L	≤11	0.54
	Nitrite as N, mg/L	≤0.9	0.056
SANS 11885:2008	Sodium as Na, mg/L	≤200	12.00
	Zinc as Zn, mg/L	≤5	<0.01
Subcontracted Lab T0007	Phenolic Compounds, µg/L	≤10	<10.00
	Trihalomethane, mg/L	Not Specified	0.038
	Bromoform, mg/L	≤0.1	<0.010
	Dibromochloromethane, mg/L	≤0.1	<0.01
	Bromodichloromethane, mg/L	≤0.06	<0.01
	Chloroform, mg/L	≤0.3	0.038
TOC Analyser	Total Organic Carbon as C, mg/L	≤10	0.41
SANS 5221 : 2007	E-coli Bacteria, count/100ml	Not Detected	Not Detected
	Heterotropic Plate Count, count/ml	≤1000	69
	Total Coliform Bacteria, count/100ml	≤10	0

Note: The water tested complies to the requirements of SANS 241:2011"Drinking Water".



Jabulile Morobi (Manager)



Sannie Mabe (Senior Test Officer)

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