

CERTIFICATE OF MICROBIOLOGICAL ANALYSIS TEST REPORT

Sample From: **Nkangala District Municipality** **Address: Posbus 437**
Municipal Health Services **Walter Sisulu**
Emakhazeni Town Council **Middelburg**
1050

Date Received: **27-Feb-17**
Date Analyzed: **27-Feb-17**
Date Reported: **1-Mar-17**
Quantity Analyzed: **11** **Ref No: B 1187 - 1197 / 17 B**

LAB NO	WB	SAMPLE NAME	STERILIZED BOTTLE		STANDARD LIMITS				
					≤ 10		Nil	Nil	≤ 1000
					TOTAL COLIFORM BACTERIA PER / 100ML	A / B	FAECAL COLIFORM PER / 100 ML	ESCHERISCHIA COLIFORM PER 100 ML	HETEROTROPHIC PLATE COUNT PER 1.0 ML
B 1187	11/2/17	Khayalami Service Center	X		Nil	B	Nil	Nil	37
B 1188	12/2/17	Vulingeondo Smahakom C	X		Nil	B	Nil	Nil	44
B 1189	15/2/17	Silwer Dae Old Age Home	X		Nil	B	Nil	Nil	70
B 1190	14/2/17	Technical Workshop	X		Nil	B	Nil	Nil	49
					A- SANAS 5221 OR B - COLILERT		SANS 5221	COLILERT	SANS 5221

S.A.N.S. 241-1:2015 Ed 2 MICROBIOLOGICAL REQUIREMENTS Allowable compliance for *DRINKING WATER*

Determinant	Risk	Unit	Standard limits
Escherichia Coliform / or Faecal Coliform bacteria	Acute Health - 1	Count per 100 ml	Not Detected
Heterotrophic Plate Count	Operational	Count per 1 ml	≤ 1 000
Total Coliform Bacteria	Operational	Count per 100 ml	≤ 10

Results exceeding alert levels will require immediate remedial action and follow-up sampling.

EFFLUENT WATER

Regional Standard (Department Water Affairs and Forestry) of 26 March 2004 No.399 for Waste water species : Waste water or Effluent shall **not** contain more than 1000 Faecal Coliform per 100 ml.

These results relate only to samples tested.
 Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.
 # - Samples highlighted in grey are not within the limits as specified.

REMARKS:

- a.) These samples fulfill the bacteriological criteria as specified by SANS 241 Standard for Human Consumption.



P.L.G UYS (M.D.)

Technical Signatory

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 Edition 2
 2015

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LAB NO	MH	SAMPLE NAME	STERILIZED BOTTLE		STANDARD LIMITS				
			YES	NO	≤ 10		Nil	Nil	≤ 1000
					TOTAL COLIFORM BACTERIA PER / 100ML	A / B	FAECAL COLIFORM PER / 100 ML	ESCHERISCHIA COLIFORM PER 100 ML	HETEROTROPHIC PLATE COUNT PER 1.0 ML
B 1191	9/2/17	Speelgoed Creche'	X		Nil	B	Nil	Nil	30
B 1192	18/2/17	BP Garage	X		Nil	B	Nil	Nil	24
B 1193	16/2/17	Stand 1485	X		Nil	B	Nil	Nil	17
B 1194	14/2/17	Emtsonyeni Clinic	X		Nil	B	Nil	Nil	16
					A- SANAS 5221 OR B - COLILERT		SANS 5221	COLILERT	SANS 5221

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	DS	DULLSTROOM	YES	NO		A / B			
B 1995	10/2/17	Sakhelwe Clinic	x		Nil	B	Nil	Nil	19
B 1996	12/2/17	Sakhelwe Creche'	x		Nil	B	Nil	Nil	14
B 1997	15/2/17	SA Epilepsy Centre	x		Nil	B	Nil	Nil	11
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