

## 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: **23-May-17**  
Date Analyzed: **23-May-17**  
Date Reported: **25-May-17**  
Quantity Analyzed: **3**

Ref No: **E 1276 - 1278 / 17 B**

LAB NO	BF	SAMPLE NAME	STERILIZED BOTTLE		STANDARD LIMITS				
					≤ 10	Nil	Nil	≤ 1000	
					TOTAL COLIFORM BACTERIA PER / 100ML	FAECAL COLIFORM PER / 100 ML	ESCHERISCHIA COLIFORM PER 100 ML	HETEROTROPHIC PLATE COUNT PER 1.0 ML	
			YES	NO	A / B				
E 1276	10/05/17	Siyathuthuka Clinic	X		Nil	B	Nil	Nil	10
E 1277	11/05/17	Leratong Creche"	X		Nil	B	Nil	Nil	52
E 1278	14/5/17	Bottom End Liquor Store	X		Nil	B	Nil	Nil	19
					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 specifies : 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

SANS  
241-1  
Edition 2  
2015