

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: **30-May-17**

Date Analyzed: **30-May-17**

Date Reported: **1-Jun-17**

Quantity Analyzed: **3**

Ref No: **E 1641 - 1643 / 17 B**

LAB NO	DS	SAMPLE NAME	STERILIZED BOTTLE		STANDARD LIMITS				
			YES	NO	≤ 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	
					A / B				
E 1641	11/5/17	Cosmo General Dealer	x		Nil	B	Nil	Nil	20
E 1642	12/5/17	Sakhelwe Community Creche'	x		Nil	B	Nil	Nil	8
E 1643	15/5/17	SA Epilepsy Centre	x		Nil	B	Nil	Nil	15
					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