

**BAKTERIOLOGIESE ANALISE
BACTERIOLOGICAL ANALYSIS**

MONSTER VAN : **Kranspoort**
SAMPLE FROM :

TIPE MONSTER :
TYPE OF SAMPLE : **As noted** DATE : **23-May-08**

Monsterpunte Sampling Points	Totale Kolivorme Bakterië per 100ml Total Coliform Bacteria per 100ml	Fekale Kolivorme per 100ml Faecal Coliform per 100ml	Heterotrofiese Plaat- telling per 1,0 ml Heterotrophic Plate Count per 1,0 ml
534 No Name	Nil Nil	Nil Nil	579 1420

S.A.N.S. Spesifikasie 241 vir Huishoudelike water, spesifiseer :
S.A.N.S. Specification 241 for Domestic water, specifies :

	Bepaling / Determinant	Eenhede / Counts 95% van monsters / 95% of samples	Waarskuwings vlak / Alert level
1.	Heterotrofiese Plaat-telling / Heterotrophic Plate Count	Telling per 1 ml / Count per 1 ml	5000
2.	Totale Kolivorme Bakterië / Total Coliform Bacteria	Telling per 100 ml / Count per 100 ml	10
3.	Fekale Kolivorme Bakterië / Faecal Coliform Bacteria	Telling per 100 ml / Count per 100 ml	NUL NIL

Streekstandaarde (Departement Waterwese en Bosbou) van 26 Maart 2004 No. 399 vir Rioolwater, spesifiseer :

Afvalwater of afloop mag nie meer as 1000 Tipiese Fekale Kolivorime per 100 ml bevat nie.

Regional Standards (Department Water Affairs and Forestry) of 26 March 2004 No.399 for Waste water specifies :

Waste water or Effluent shall not contains more than 1000 Typical Faecal Coliform per 100 ml.

OPMERKINGS :
REMARKS :

- a Both these samples fulfill the bacteriological criteria as specified by the SANS 241 for human consumption.
- b No pathogenic bacteria were present in any of these samples.

P.L.G. UYS

**BAKTERIOLOGIESE ANALISE
BACTERIOLOGICAL ANALYSIS**

MONSTER VAN : **Kranspoort**

SAMPLE FROM :

TIPE MONSTER :

TYPE OF SAMPLE : **As noted**

DATE : **20-Nov-09**

Monsterpunte Sampling Points	Totale Kolivorme Bakterieë per 100ml Total Coliform Bacteria per 100ml	Fekale Kolivorme per 100ml Faecal Coliform per 100ml	Heterotrofiese Plaat- telling per 1,0 ml Heterotrophic Plate Count per 1,0 ml
122	Nil	Nil	448
165	Nil	Nil	622
412	Nil	Nil	482
476	Nil	Nil	549

S.A.N.S. Spesifikasie 241 vir Huishoudelike water, spesifiseer :
S.A.N.S. Specification 241 for Domestic water, specifies :

	Bepaling / Determinant	Eenhede / Counts 95% van monsters / 95% of samples	Waarskuwings vlak / Alert level
1.	Heterotrofiese Plaat-telling / Heterotrophic Plate Count	Telling per 1 ml / Count per 1 ml	5000
2.	Totale Kolivorme Bakterië / Total Coliform Bacteria	Telling per 100 ml / Count per 100 ml	10
3.	Fekale Kolivorme Bakterië / Faecal Coliform Bacteria	Telling per 100 ml / Count per 100 ml	NUL NIL

Streekstandaarde (Departement Waterwese en Bosbou) van 26 Maart 2004 No. 399 vir Rioolwater, spesifiseer :

Afvalwater of afloop mag nie meer as 1000 Tipiese Fekale Kolivorime per 100 ml bevat nie.

Regional Standards (Department Water Affairs and Forestry) of 26 March 2004 No.399 for Waste water specifies :

Waste water or Effluent shall not contains more than 1000 Typical Faecal Coliform per 100 ml.

OPMERKINGS :

REMARKS :

- a All four samples fulfil the bacteriological criteria as specified by the SANS 241 for human consumption.
- b No pathogenic bacteria were present in any of these samples.

P.L.G. UYS

**BAKTERIOLOGIESE ANALISE
BACTERIOLOGICAL ANALYSIS**

MONSTER VAN : **Kranspoort**

SAMPLE FROM :

TIPE MONSTER :

TYPE OF SAMPLE : **As noted**

DATE : **06-Jan-10**

Monsterpunte Sampling Points	Totale Kolivorme Bakterieë per 100ml Total Coliform Bacteria per 100ml	Fekale Kolivorme per 100ml Faecal Coliform per 100ml	Heterotrofiese Plaat- telling per 1,0 ml Heterotrophic Plate Count per 1,0 ml
Drinking Water	Nil	Nil	Nil

S.A.N.S. Spesifikasie 241 vir Huishoudelike water, spesifiseer :
S.A.N.S. Specification 241 for Domestic water, specifies :

	<i>Bepaling / Determinant</i>	<i>Eenhede / Counts 95% van monsters / 95% of samples</i>	<i>Waarskuwings vlak / Alert level</i>
1.	Heterotrofiese Plaat-telling / Heterotrophic Plate Count	Telling per 1 ml / Count per 1 ml	5000
2.	Totale Kolivorme Bakterië / Total Coliform Bacteria	Telling per 100 ml / Count per 100 ml	10
3.	Fekale Kolivorme Bakterië / Faecal Coliform Bacteria	Telling per 100 ml / Count per 100 ml	NUL NIL

Streekstandaarde (Departement Waterwese en Bosbou) van 26 Maart 2004 No. 399 vir Rioolwater, spesifiseer :

Afvalwater of afloop mag nie meer as 1000 Tipiese Fekale Kolivorme per 100 ml bevat nie.

Regional Standards (Department Water Affairs and Forestry) of 26 March 2004 No.399 for Waste water specifies :

Waste water or Effluent shall not contains more than 1000 Typical Faecal Coliform per 100 ml.

OPMERKINGS :

REMARKS :

- a This sample fulfils the bacteriological criteria as specified by the SANS 241 for human consumption.
- b No pathogenic bacteria were present in this sample.

P.L.G. UYS

MICROBIOLOGICAL ANALYSIS TEST REPORT

Sample From: KRANSPOORT **Address:** P.O. Box 7555
 MIDDELBURG
Date Received: 16-Nov-10 1050
Date Analyzed: 16-Nov-10
Date Reported: 18-Nov-10
Quantity Analyzed: 1

STERILIZED BOTTLE		SAMPLE NAME	TOTAL COLIFORM BACTERIA PER / 100ML	FAECAL COLIFORM PER / 100 ML	ESCHERISCHIA COLIFORM PER 100 ML	HETEROTROPHIC PLATE COUNT PER 1.0 ML
YES	NO					
x		Kranspoort Final	Nil	Nil	-	Nil
METHOD USED			SANAS 5221 OR COLILERT	SANS 5221	COLILERT	SANS 5221

S.A.N.S. 241 MICROBIOLOGICAL REQUIREMENTS
Allowable compliance for **DRINKING WATER**

Determinant	Units	Allowable compliance
Escherichia Coliform / or Faecal Coliform bacteria	Count per 100 ml	NIL

Operational water Quality ALERT levels:

Determinant	Units	Alert level
Heterotrophic Plate Count	Count per 1 ml	5000
Total Coliform Bacteria	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.

REMARKS:

P.L.G UYS
MANAGER