

TEST REPORT

Water

Montagu Koop Wynkelder Bpk

Attn: - Hermias

P.O. Box 29
Montagu
Montagu
6720
27725241141



@VinlabSA

Sample Details					
SampleID			W19480	W19481	
Water Type			Wastewater	Wastewater	
Water Source					
Sample Temperature					
Description			Afloopwater 1	Afloopwater 2	
PO Number					
Date Received			2021-07-07	2021-07-07	
Condition			Good	Good	
Water - Routine					
pH@25C* (Water)		VIN-05-MW01	4.80	4.85	
Conductivity@25C* (Water)	mS/m	VIN-05-MW02	364	238	
COD* (Water)	mg/L	VIN-05-MW03	9610	5400	
Date Tested			2021-07-07	2021-07-07	
Water - Metals					
SAR* (Water)		VIN-05-MW04	4.63	3.89	
Calcium* (Ca) - Water	mg/L	VIN-05-MW43	398	237	
Magnesium* (Mg) - Water	mg/L	VIN-05-MW43	32	23	
Sodium* (Na) - Water	mg/L	VIN-05-MW43	357	234	
Potassium* (K) - Water	mg/L	VIN-05-MW43	303	180	
Date Tested			2021-07-09	2021-07-07	
Water - Micro					
Fecal Coliforms*(Water)	cfu/100 mL	VIN-05-MW10	200	400	
E-Coli* (Water)	cfu/100 mL	VIN-05-MW09	200	200	
Date Tested			2021-07-07	2021-07-07	

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*Accredited methods. Vinlab is not liable to any client for any loss or damages suffered which could, directly or remotely, be linked to our services. Alcohol results are obtained using the most appropriate or a combination of one of the following methods: Py= pycnometer; W=winescan; Al=alcoolyzer. W = Winescan. Micro results: Enumeration of yeast; WL nutrient, 3 days unless otherwise specified, 30°C. Samples that have had prior microbiological spoilage or treatment for spoilage should always be sterile filtered at bottling. SO2 additions less than 10 days may depress the growth of microbes in culture although they are viable/active in the wine. Some microbes, especially lactobacilli, may not grow in culture even where viable/potentially active in the wine.

VIN 09-01 07-06-2021

Doc No
V27571

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AE Fourie

Adelize Fourie
Laboratory Manager (Waterlab)
VIN-05-
M01, M02, M03, M04, M05, M06, M10, M28,
M43, MW01, MW02, MW03, MW04,
MW05, MW06, MW07, MW08/9/10



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Sample Details

SampleID	W21884								
Water Type	Wastewater								
Water Source									
Sample Temperature									
Description	Afloopwater - Elkana								
PO Number									
Date Received	2021-09-30								
Condition	Good								

Water - Routine

	Unit	Method	Uncertainty	Limit	Results	Results	Results	Results	Results
pH@25C* (Water)		VIN-05-MW01	0.1%		7.19				
Conductivity@25C* (Water)	mS/m	VIN-05-MW02	^		53				
COD* (Water)	mg/L	VIN-05-MW03	^^		11.6				
Date Tested					2021-09-30				

Water - Metals

	Unit	Method	Uncertainty	Limit	Results	Results	Results	Results	Results
SAR* (Water)		VIN-05-MW04			2.65				
Calcium* (Ca) - Water	mg/L	VIN-05-MW43	14.60%		20				
Magnesium* (Mg) - Water	mg/L	VIN-05-MW43	8.49%		13				
Sodium* (Na) - Water	mg/L	VIN-05-MW43	11.45%		62				
Potassium* (K) - Water	mg/L	VIN-05-MW43	9.42%		5				
Date Tested					2021-10-04				

Water - Micro

	Unit	Method	Uncertainty	Limits	Results	Results	Results	Results	Results
Fecal Coliforms*(Water)	cfu/100mL	VIN-05-MW10			nd				
Date Tested					2021-09-30				

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^ - Conductivity <1000mS/m = 1mS/m, >1000mS/m = 9mS/m
^^ - COD, LR = 16mg/L, MR = 48mg/L, HR = 477mg/L

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Adelize

Adelize Fourie
Laboratory Manager (Waterlab)
VIN-05-
M01,M02,M03,M04,M05,MO8,M10,M28,
M43, MW01, MW02, MW03, MW04,
MW05, MW06, MW07, MW08/9/10



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