

Test Report

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Client: Witzenberg Municipality
Address: 50 Voortrekker Street, Ceres, 6835
Report no: 189369
Project: Witzenberg Drinking Water

Date of report: 04 July 2024
Date accepted: 02 July 2024
Date completed: 04 July 2024
Date received: 02 July 2024

Lab no:			Uncertainty of measure- ment %	SANS 241- 1:2015	98832	
Date sampled:					01-Jul-24	
Aquatico sampled:					Yes	
Sample type:					Water	
Locality description:					Tulbagh Water Treatment Works Final	
Analyses		Unit	Method			
A	pH @ 25°C	pH	ALM 20	4.52	5 - 9.7	7.32
A	Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	9.54	< 170	12.4
A	Total Dissolved solids @ 180°C	mg/l	ALM 24	9.42	< 1200	92
A	Acid Soluble Aluminium (Al)	mg/l	ALM 31	8.59	< 0.3	0.052
A	Acid Soluble Iron (Fe)	mg/l	ALM 31	7.97	< 0.3	0.171
A	Acid Soluble Manganese (Mn)	mg/l	ALM 31	8	< 0.1	0.015
A	E.coli	CFU/100ml	ALM 40	7.74	0	<1
A	Total coliform	CFU/100ml	ALM 40	7.76	< 10	<1
A	Heterotrophic plate count	CFU/ml	ALM 43	2.22	< 1000	<1
A	Turbidity	NTU	ALM 21	5.9	< 1	6.26
A	Total Chlorine (Cl ₂)	mg/l	ALM 23	5.94		1.4
A	Free chlorine (Cl ₂)	mg/l	ALM 23	5.94	< 5	1.13
A	True Colour	mg/l Pt-Co	ALM 22	8.74	< 15	<5.00

A = Accredited N = Non accredited Sub = Sub-contracted NR = Not requested RTF = Results to follow NATD = Not able to determine ATR = Alternative test report ; Results relate only to the items sampled and tested ; Results reported against the limit of detection; Results marked 'Non SANAS Accredited' in this report are not included in the SANAS Schedule of Accreditation for this laboratory; Uncertainty of measurement available on request for all methods included in the SANAS Schedule of Accreditation; The report shall not be reproduced except in full without approval of the laboratory