

## Test Report

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**Client:** Witzenberg Municipality  
**Address:** 50 Voortrekker Street, Ceres, 6835  
**Report no:** 198441  
**Project:** Witzenberg Drinking Water

**Date of report:** 09 October 2024  
**Date accepted:** 03 October 2024  
**Date completed:** 09 October 2024  
**Date received:** 03 October 2024

Lab no:					Uncertainty of measure- ment %	SANS 241- 1:2015	142479
Date sampled:							02-Oct-24
Aquatico sampled:							Yes
Sample type:							Water
Locality description:							Tulbagh Water Treatment Works Final
Analyses				Unit	Method		
A	AQCL	pH @ 25°C	pH	ALM 20	2.33	5 - 9.7	6.57
A	AQCL	Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	4.92	< 170	8.79
A	AQCL	Total Dissolved solids @ 180°C	mg/l	ALM 24	9.42	< 1200	62
A	AQCL	Acid Soluble Aluminium (Al)	mg/l	ALM 31	7.08	< 0.3	0.184
A	AQCL	Acid Soluble Iron (Fe)	mg/l	ALM 31	7.16	< 0.3	<0.004
A	AQCL	Acid Soluble Manganese (Mn)	mg/l	ALM 31	6.34	< 0.1	0.034
A	AQCL	E.coli	CFU/100ml	ALM 40	7.74	0	<1
A	AQCL	Total coliform	CFU/100ml	ALM 40	7.76	< 10	<1
A	AQCL	Heterotrophic plate count	CFU/ml	ALM 43	2.22	< 1000	<1
A	AQCL	Turbidity	NTU	ALM 21	5.9	< 1	12.7
N	AQCL	Total Chlorine (Cl <sub>2</sub> )	mg/l	ALM 23	5.94		0.12
A	AQCL	Free chlorine (Cl <sub>2</sub> )	mg/l	ALM 23	5.94	< 5	0.09
A	AQCL	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

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