

## Test Report

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**Client:** Witzenberg Municipality  
**Address:** 50 Voortrekker Street, Ceres, 6835  
**Report no:** 217471  
**Project:** Witzenberg Drinking Water

**Date of report:** 07 April 2025  
**Date accepted:** 02 April 2025  
**Date completed:** 04 April 2025  
**Date received:** 02 April 2025

| Lab no:               |      |                                     |            |         | Uncertainty<br>of measure-<br>ment % | SANS 241-<br>1:2015 | 231040                                           |
|-----------------------|------|-------------------------------------|------------|---------|--------------------------------------|---------------------|--------------------------------------------------|
| Date sampled:         |      |                                     |            |         |                                      |                     | 02-Apr-25                                        |
| Aquatico sampled:     |      |                                     |            |         |                                      |                     | Yes                                              |
| Sample type:          |      |                                     |            |         |                                      |                     | Water                                            |
| Locality description: |      |                                     |            |         |                                      |                     | Ceres<br>Reservoir<br>Final Post<br>Chlorination |
| Analyses              |      |                                     |            | Unit    | Method                               |                     |                                                  |
| A                     | AQCL | pH @ 25°C                           | pH         | ALM 20  | 2.33                                 | 5 - 9.7             | 6.61                                             |
| A                     | AQCL | Electrical conductivity (EC) @ 25°C | mS/m       | ALM 20  | 4.92                                 | < 170               | 6.06                                             |
| A                     | AQCL | Total Dissolved solids @ 180°C      | mg/l       | ALM 24  | 9.42                                 | < 1200              | 42                                               |
| A                     | AQCL | Acid Soluble Aluminium (Al)         | mg/l       | ALMA 31 | 7.08                                 | < 0.3               | 0.026                                            |
| A                     | AQCL | Acid Soluble Iron (Fe)              | mg/l       | ALMA 31 | 7.16                                 | < 0.3               | 0.059                                            |
| A                     | AQCL | Acid Soluble Manganese (Mn)         | mg/l       | ALMA 31 | 6.34                                 | < 0.1               | 0.002                                            |
| 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                 | 0.714                                            |
| N                     | AQCL | Total Chlorine (Cl <sub>2</sub> )   | mg/l       | ALM 23  | 5.94                                 |                     | 0.87                                             |
| A                     | AQCL | Free chlorine (Cl <sub>2</sub> )    | mg/l       | ALM 23  | 5.94                                 | < 5                 | 0.73                                             |
| 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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