

Consulting Analytical & Industrial Chemists  
 Specialists in Water & Waste Water Treatment  
 Telephone (021)448 6340/1  
 After Hours (021)712 0940  
 Telefax (021)448 6342  
 e-Mail Address :  
 info@alabbott.co.za



No. 1, Vine Park  
 Vine Road  
 7925  
 P.O. Box 483  
 WOODSTOCK, CAPE  
 7915

## Certificate of Analysis

### WITZENBERG MUNICIPALITY : BID 08/2/12/30&32

#### Witzenberg Municipality Reticulation Waters

#### 1 : Reservoir, Final, Post-Chlorination ex Ceres

**DATE SAMPLED :** 2019/04/03  
**DATE RECEIVED :** 2019/04/04  
**DATE ANALYSIS COMMENCED :** 2019/04/04

**OUR REF. :** 2019/04/03/9434  
**REPORT NO. :** 1999

	Sample Number	9434	
Mthd ALA No.	Analyses	Results	SANS 241-1:2015
19	pH (at 25 °C)	6.68	≥5 - ≤ 9.7 Operational
9	Conductivity (mS/m) (at 25 °C)	4.5	≤170 Aesthetic
27	Turbidity (NTU)	0.57	≤1 Operational : ≤5 Aesthetic
97	Colour (mg/l as Pt)	<4	≤15 Aesthetic
7	Total Dissolved Solids (mg/l)	30	≤1200 Aesthetic
92	Iron (µg/l as Fe)	148	≤300 Aesthetic ≤2000 Chronic Health
92	Manganese (µg/l as Mn)	<19	≤100 Aesthetic ≤400 Chronic Health
92	Aluminium (µg/l as Al)	32	≤300 Operational
66	Free Chlorine (mg/l)	0.88	≤5 Chronic Health
66	Total Chlorine (mg/l)	0.98	N/A
84	E.coli (count per 100 ml)	<1	Not Detected
85	Total Coliform Bacteria (count per 100 ml)	<1	≤10 Operational
88	Heterotrophic Plate Count (count per ml)	10	≤1000 Operational

# A.L. ABBOTT AND ASSOCIATES (PTY) LTD

(Reg. No. 1982/004379/07)

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N. VAN BINSBERGEN ( Pr.Sci.Nat.)  
DIRECTOR  
08 April 2019

TO: WITZENBERG MUNICIPALITY  
P O Box 44  
CERES  
6835

Att: S. FARMER

Sampler : L. Coetzer (ALA)

*This report relates only to the samples tested and is issued subject to the company's standard terms and conditions of business.*