

Consulting Analytical & Industrial Chemists
 Specialists in Water & Waste Water Treatment
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 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 : 2019/07/03

DATE RECEIVED : 2019/07/04

DATE ANALYSIS

COMMENCED : 2019/07/04

OUR REF. : 2019/07/03/18587

REPORT NO. : 3815

	Sample Number	18587	
Mthd ALA No.	Analyses	Results	SANS 241-1:2015
19	pH (at 25 °C)	6.88	≥5 - ≤ 9.7 Operational
9	Conductivity (mS/m) (at 25 °C)	5.0	≤170 Aesthetic
27	Turbidity (NTU)	1.1	≤1 Operational : ≤5 Aesthetic
97	Colour (mg/l as Pt)	5	≤15 Aesthetic
7	Total Dissolved Solids (mg/l)	36	≤1200 Aesthetic
92	Iron (µg/l as Fe)	123	≤300 Aesthetic ≤2000 Chronic Health
92	Manganese (µg/l as Mn)	<19	≤100 Aesthetic ≤400 Chronic Health
92	Aluminium (µg/l as Al)	45	≤300 Operational
66	Free Chlorine (mg/l)	0.65	≤5 Chronic Health
66	Total Chlorine (mg/l)	0.77	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)	2	≤1000 Operational

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N. VAN BINSBERGEN (Pr.Sci.Nat.)
DIRECTOR
05 July 2019

TO: WITZENBERG MUNICIPALITY
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Att: S. FARMER