

Certificate of Analysis CoA: 210901H

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Part 2, Zandvoordt
Eureka
Jagersfontein road
Bloemfontein



ISO/IEC 17025:2017
Clause 7.8
QM No. 7.8/R-01
Rev: 05
Date: 04/03/2021
Compiled by: FP le Roux
Approved by: E Botes

Sample condition upon arrival: Acceptable

Sampler: J Grobler

Notes

Test Methods

QM No: 7.2/TM-01
QM No: 7.2/TM-02
QM No: 7.2/TM-03
QM No: 7.2/TM-04
QM No: 7.2/TM-05
QM No: 7.2/TM-06

Description

Heterotrophic Plate Count (HPC)
E. coli and coliforms
pH and conductivity (EC)
Turbidity
Chemistry*
Faecal coliforms*

Important dates

Sampling date	1-Sep-2021
Date received	1-Sep-2021
Testing started	1-Sep-2021
Testing completed	3-Sep-2021
Report date	5-Oct-2021

Information

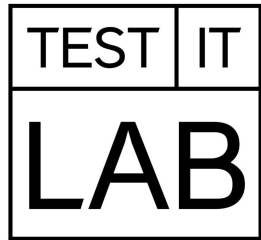
- TestIt LABS (Pty) Ltd strives to have a turnaround time of 14 days or less
- Samples are retained for 30 days from the date of reporting where applicable
- Signing the Sample submission form, Quotation or submitting a sample constitutes a binding contract implying the client (represented by the signatory) endeavors to make payment for services rendered
- Results relate only to the sample(s) as received and determinand(s) analysed as specified
- Information / data provided by the customer
- Hold time and temperature after sampling may affect the validity of results for QM No. 7.2/TM-01 and QM No. 7.2/TM-02
- ^ Outsourced or subcontracted
- Measurement uncertainty: HPC: QM No. 7.2/TM-01 = 4.2%; Coliforms & *E. coli*: QM No. 7.2/TM-02 = 6.4% & 7.5% respectively; pH & EC: QM No. 7.2/TM-03 = 0.09% & 0.64% respectively; Turbidity: QM No. 7.2/TM-04 = 0.98%; Chemistry*: QM No. 7.2/TM-05 = not applicable; Faecal coliforms: QM No. 7.2/TM-06 = not applicable
- *Not included in the SANAS Schedule of Accreditation for this laboratory
- tbr - to be reported
- n/a - not applicable
- Statement of conformity: PASS: Results \pm expanded uncertainty within limits / specifications; PASS \pm : Results are within limits / specification but overlap when expanded uncertainty is taken into account; FAIL \pm : Results exceed limits / specification but overlap when expanded uncertainty is taken into account; FAIL: Results \pm expanded uncertainty exceed limits / specifications; the final decision on PASS / FAIL relative to a limit / specification shall be determined by the client
- If Drinking water results FAIL to comply with SANS 241:2015, risks as per the standard, are indicated as:

Acute health	Operational	Aesthetic	Chronic health
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- If Bottled water results exceed SANBWA regulations, it is indicated in *italics*
- If Effluent results exceed the limits set in Section 39 of the National Water Act, it is indicated in **bold**
- No report shall be reproduced except in full with written approval from the laboratory
- Results and information may be disclosed during routine assessments and audits
- TestIt LABS (Pty) Ltd endeavours to perform accurate analyses, however, neither TestIt LABS (Pty) Ltd nor any of its officials shall be liable for damages arising from loss or injury caused directly or indirectly by or contributed to by, or arising from any inaccuracy of the analyses or the interpretation thereof
- Complaints can be directed to top management at elsabe@testit-labs.co.za

Report authorised by Technical Signatory: Dr E Botes

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Determinand	Units	SANS 241	Result
Sample Time			9:50
Heterotrophic PC	cfu/mL	≤ 1000	28
Total coliforms	MPN/100mL	≤ 10	<1
<i>E. coli</i>	MPN/100mL	None detected	<1
pH @ 25°C	pH units	$\geq 5 - \leq 9.7$	7.93
Conductivity @ 25°C	mS/m	≤ 170	32.90
Turbidity	NTU	≤ 1	0.27
* Free chlorine**	mg/L	≤ 5	0.18

**Measured at laboratory

END OF REPORT