

STANDARDS ASSOCIATION OF ZIMBABWE LABORATORY REPORT

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Our date: 2016/12/01

Our reference: Lab/Gen

S. C. dated: 2016/11/11

S. Control No: 361441

ATT: IMPILO HEALTH SOLUTIONS
Frosterly Park
La Lucia Office Estate
Durban
South Africa

SAMPLE: 1 x Water

SAMPLED BY: Customer

SAMPLING METHOD: N/A

METHODS OF TESTS:

CFMTP4 – General guidance on the enumeration of microorganisms, Colony Count Technique @ 37 °C
CFMTP6 – General guidance on the enumeration of coliforms, colony count Technique @ 37 °C
CFMTP27 – General guidance on the enumeration of presumptive *Escherichia coli*, Colony Count Technique @44°C

TESTS PERFORMED BY: R Svovse and Michelle January

RESULTS:

PARAMETER	BEFORE PURIFYING (Contaminated water)	AFTER PURIFYING (One drop water purifier)	ZWS 560:1999 STANDARD SPECIFICATION REQUIREMENTS
Total Plate Count, cfu/ml	3.0 x10 ²	1.0 x10 ¹	100 max
Total Coliform Bacteria, cfu/100ml	2.6 x10 ²	Absent	Absent
<i>E.coli</i> , cfu/100ml	1.4 x10 ²	Absent	Absent
<i>Salmonella spp</i>	Positive	Negative	Negative

COMMENT: After water purification, one drop water purifier reduced the bacterial load to acceptable limits as required by the ZWS 560:1999 microbiological specification requirements on the parameters tested.

PP Bway

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01 DEC 2016

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