

## FINAL CERTIFICATE OF ANALYSIS



COA N°: 742876-0

COA Date: 05/02/2023

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Customer: The Saldanha Bay Water Quality Forum Trust

Order N°:

Client Reference N°:

Project N°: CT 23-003641

**Analysed By** Swift Silliker (Pty) Ltd t/a Mérieux NutriSciences  
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**Received from** The Saldanha Bay Water Quality Forum Trust

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**To:** The Saldanha Bay Water Quality Forum Trust  
Wilman Lucas

20 Pelican Street The Cove  
7357  
Langebaan  
South Africa

## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-003641-001

Sample N°: 4684759

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.1-Breakwater Saldanha next to mussel rafts - 5:12

COA Remark\*\*: Tide: High

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	4	cfu/100ml	

## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-003641-002

Sample N°: 4684760

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.2-Small craft harbour - 5:17

COA Remark\*\*: Tide: High

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	22	cfu/100ml	

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## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-003641-003

Sample N°: 4684761

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.3-Government jetty - 5:23

COA Remark\*\*: Tide: High

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	4	cfu/100ml	

## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-003641-004

Sample N°: 4684762

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.4-Saldanha bay yacht club - 5:33

COA Remark\*\*: Tide: High

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	3	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	3	cfu/100ml	

## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-003641-005

Sample N°: 4684763

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.5-Pepper bay southern seas fishing side - 5:40

COA Remark\*\*: Tide: High

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	No Growth	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-003641-006

Sample N°: 4684764

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.6-Pepper bay next to sewage overflow -outlet - 5:45

COA Remark\*\*: Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	No Growth	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-003641-007

Sample N°: 4684765

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.7-Hoedjiesbaai - 5:58

COA Remark\*\*: Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	6	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-003641-008

Sample N°: 4684766

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.8-Saldanha holiday resort - 6:18

COA Remark\*\*: Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	17	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-003641-009

Sample N°: 4684767

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.9-Bok river at Blue water bay - 6:35

COA Remark\*\*: Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	9	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-003641-010

Sample N°: 4684768

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.10-Portnet - the side facing Saldanha - 6:55

COA Remark\*\*: Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	9	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-003641-011

Sample N°: 4684769

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.11-Portnet the side facing Langebaan - 7:15

COA Remark\*\*: Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	4	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	20	cfu/100ml	

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## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-003641-012

Sample N°: 4684770

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.12-Paradise beach - 7:45

COA Remark\*\*: Tide: High

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	3	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	No Growth	cfu/100ml	

## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-003641-013

Sample N°: 4684771

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.13-Club Mykonos - 8:13

COA Remark\*\*: Tide: High

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	1	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	6	cfu/100ml	

## SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-003641-014

Sample N°: 4684772

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.14-Strandloper next to outlet from Country club - 8:35

COA Remark\*\*: Tide: High

## ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	4	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-003641-015

Sample N°: 4684773

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.15-Langebaan beach houses north street - 9:07

COA Remark\*\*: Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	5	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	11	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-003641-016

Sample N°: 4684774

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.16-Pearly's - 9:23

COA Remark\*\*: Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	27	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	20	cfu/100ml	

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-003641-017

Sample N°: 4684775

Test Date: 30/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 30/01/2023

Product Description\*\*: Seawater - No.17-Yacht club - 9:45

COA Remark\*\*: Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	31/01/2023	1150	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	31/01/2023	100	cfu/100ml	

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**SAMPLE DESCRIPTION**

**Lab Sample Ref #:** CT 23-003641-018      **Sample N°:** 4684776      **Test Date:** 30/01/2023  
**Category Detail:** Water      **Sample Condition:** SEALED      **Date Received:** 30/01/2023  
**Product Description\*\*:** Seawater - No.18-Klein Oostewal beach - 10:22  
**COA Remark\*\*:** Tide: High

**ANALYTICAL RESULTS**

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> <b>Escherichia coli</b> METHOD: SWJM 45	31/01/2023	4	cfu/100ml	
<input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b> METHOD: SWJM 57	31/01/2023	40	cfu/100ml	

Accredited analysis      \* Non Accredited analysis      **NC** Non Conformance      **\*\*** Customer provided data      Changed Data

TMA = Total Microbial Activity / Total Viable Plate Count.

No growth = Not detected / less than the lower detection limit of the test method, for the specified sample type / volume of sample tested.

Tests marked with a tick in this report are included in the SANAS Schedule of Accreditation for this laboratory T 0050.

Tests marked with a \* in this report are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

\*\* Data provided by the customer.

Tests marked with a plane in this report are Subcontracted Tests and are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

The test report relates only to the specific item submitted for testing. It furnishes or implies no guarantee whatsoever, in respect of a similar item that has not been tested.

The test report applies to the sample as received where the laboratory has not been responsible for the sampling stage.

Opinions and interpretations expressed in this report are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

The test report shall not be reproduced except in full without written approval of Swift Silliker (Pty) Ltd t/a Mérieux NutriSciences.

Results validated on 05/02/2023

By: Tanya Swanson

Technical Signatory