


**FINAL CERTIFICATE OF ANALYSIS**



|           |            |
|-----------|------------|
| COA N°:   | 549229-0   |
| COA Date: | 17/12/2020 |
| Page      | 1 / 8      |

|  |
|--|
| <b>Customer:</b> The Saldanha Bay Water Quality Forum Trust                      |
| <b>Order N°:</b>   |
| <b>Client Reference N°:</b>  |
| <b>Project N°:</b> CT 20-046994  |
|  |

|  |
|--|
| <b>Analysed By</b> Swift Silliker (Pty) Ltd t/a Mériex NutriSciences                                   |
| 7 Warrington Road<br>Claremont 7708<br>Western Province<br>Phone: +27 21 683 8436 Fax: +27 21 683 4695 |

To The Saldanha Bay Water Quality Forum Trust  
Wilman Lucas  
P.O. Box 446  
Langebaan  
7357  
Western Cape

|   |
|---|
| <b>Received from</b> The Saldanha Bay Water Quality Forum Trust |
| P.O. Box 446<br>Langebaan<br>7357<br>Western Cape               |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-001      Sample N°: 3,526,762      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Breakwater Saldanha next to mussel rafts

COA Remark\*\*: Time: 5:40

**ANALYTICAL RESULTS**

| Tests  | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|--|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> <b>Escherichia coli</b><br>METHOD: SWJM 45                             | 09/12/2020          | No Growth | cfu/100ml |                          |
| <input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b><br>METHOD: SWJM 57 | 09/12/2020          | 1         | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-002      Sample N°: 3,526,763      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Small Craft Harbour

COA Remark\*\*: Time: 5:45


**ANALYTICAL RESULTS**

| Tests  | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|--|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> <b>Escherichia coli</b><br>METHOD: SWJM 45                             | 09/12/2020          | No Growth | cfu/100ml |                          |
| <input checked="" type="checkbox"/> <b>Intestinal Enterococci (Faecal Streptococci)</b><br>METHOD: SWJM 57 | 09/12/2020          | 3         | cfu/100ml |                          |

**FINAL CERTIFICATE OF ANALYSIS**



|           |            |
|-----------|------------|
| COA N°:   | 549229-0   |
| COA Date: | 17/12/2020 |
| Page      | 2 / 8      |

|  |
|--|
| <b>Customer:</b> The Saldanha Bay Water Quality Forum Trust                      |
| <b>Order N°:</b>   |
| <b>Client Reference N°:</b>  |
| <b>Project N°:</b> CT 20-046994  |
|  |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-003      Sample N°: 3,526,764      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Government Jetty

COA Remark\*\*: Time: 5:52

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 68        | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | No Growth | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-004      Sample N°: 3,526,765      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Saldanha Bay Yacht Club

COA Remark\*\*: Time: 6:00

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 6         | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | No Growth | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-005      Sample N°: 3,526,766      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Pepper Bay - Southern Seas Fishing side

COA Remark\*\*: Time: 6:06

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results | Units     | Limits<br>[Target value] |
|---|---------------------|---------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 130     | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 240     | cfu/100ml |                          |

**FINAL CERTIFICATE OF ANALYSIS**

|           |            |
|-----------|------------|
| COA N°:   | 549229-0   |
| COA Date: | 17/12/2020 |
| Page      | 3 / 8      |



|   |
|---|
| <b>Customer:</b> The Saldanha Bay Water Quality Forum Trust |
| <b>Order N°:</b>  |
| <b>Client Reference N°:</b>                                 |
| <b>Project N°:</b> CT 20-046994                             |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-006      Sample N°: 3,526,767      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Pepper Bay next to sewage overflow -outlet

COA Remark\*\*: Time: 6:11

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | No Growth | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 22        | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-007      Sample N°: 3,526,768      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Hoedjiesbaai

COA Remark\*\*: Time: 6:30

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | No Growth | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | No Growth | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-008      Sample N°: 3,526,769      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Saldanha Holiday Resort

COA Remark\*\*: Time: 6:21


**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 21        | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | No Growth | cfu/100ml |                          |

**FINAL CERTIFICATE OF ANALYSIS**



|           |            |
|-----------|------------|
| COA N°:   | 549229-0   |
| COA Date: | 17/12/2020 |
| Page      | 4 / 8      |

|  |
|--|
| <b>Customer:</b> The Saldanha Bay Water Quality Forum Trust                      |
| <b>Order N°:</b>   |
| <b>Client Reference N°:</b>  |
| <b>Project N°:</b> CT 20-046994  |
|  |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-009      Sample N°: 3,526,770      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Bok River at Blue Water Bay

COA Remark\*\*: Time: 6:54

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results | Units     | Limits [Target value] |
|---|---------------------|---------|-----------|-----------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 100     | cfu/100ml |                       |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 40      | cfu/100ml |                       |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-010      Sample N°: 3,526,771      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Portnet - the side facing Saldanha

COA Remark\*\*: Time: 7:15

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits [Target value] |
|---|---------------------|-----------|-----------|-----------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 17        | cfu/100ml |                       |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | No Growth | cfu/100ml |                       |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-011      Sample N°: 3,526,772      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Portnet - the side facing Langebaan

COA Remark\*\*: Time: 7:25

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results | Units     | Limits [Target value] |
|---|---------------------|---------|-----------|-----------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 5       | cfu/100ml |                       |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 2       | cfu/100ml |                       |

**FINAL CERTIFICATE OF ANALYSIS**

|           |            |
|-----------|------------|
| COA N°:   | 549229-0   |
| COA Date: | 17/12/2020 |
| Page      | 5 / 8      |



|  |
|--|
| <b>Customer:</b> The Saldanha Bay Water Quality Forum Trust                      |
| <b>Order N°:</b>   |
| <b>Client Reference N°:</b>  |
| <b>Project N°:</b> CT 20-046994  |
|  |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-012      Sample N°: 3,526,773      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Paraside Beach

COA Remark\*\*: Time: 8:06

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | No Growth | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | No Growth | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-013      Sample N°: 3,526,774      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Club Mykonos

COA Remark\*\*: Time: 8:13

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | No Growth | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 40        | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-014      Sample N°: 3,526,775      Test Date: 09/12/2020  
 Category Detail: Water      Sample Condition: ACCEPTABLE      Date received: 09/12/2020  
 Product Description\*\*: Strandloper next to outlet form Country club

COA Remark\*\*: Time: 8:28


**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | No Growth | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 1         | cfu/100ml |                          |

## FINAL CERTIFICATE OF ANALYSIS

|           |            |
|-----------|------------|
| COA N°:   | 549229-0   |
| COA Date: | 17/12/2020 |
| Page      | 6 / 8      |



|  |
|--|
| <b>Customer:</b> The Saldanha Bay Water Quality Forum Trust                      |
| <b>Order N°:</b>   |
| <b>Client Reference N°:</b>  |
| <b>Project N°:</b> CT 20-046994  |
|  |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-015

Sample N°: 3,526,776

Test Date: 09/12/2020

Category Detail: Water

Sample Condition: ACCEPTABLE

Date received: 09/12/2020

Product Description\*\*: Langebaan Beach Houses North Street

COA Remark\*\*: Time: 8:40

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results | Units     | Limits<br>[Target value] |
|---|---------------------|---------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 3       | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 6       | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-016

Sample N°: 3,526,777

Test Date: 09/12/2020

Category Detail: Water

Sample Condition: ACCEPTABLE

Date received: 09/12/2020

Product Description\*\*: Pearly's

COA Remark\*\*: Time: 8:50

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | No Growth | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 9         | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-017

Sample N°: 3,526,779

Test Date: 09/12/2020

Category Detail: Water

Sample Condition: ACCEPTABLE

Date received: 09/12/2020

Product Description\*\*: Yacht Club - High Tide

COA Remark\*\*: Time: 9:23


**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results | Units     | Limits<br>[Target value] |
|---|---------------------|---------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 60      | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 7       | cfu/100ml |                          |

## FINAL CERTIFICATE OF ANALYSIS

|           |            |
|-----------|------------|
| COA N°:   | 549229-0   |
| COA Date: | 17/12/2020 |
| Page      | 7 / 8      |



|  |
|--|
| <b>Customer:</b> The Saldanha Bay Water Quality Forum Trust                      |
| <b>Order N°:</b>   |
| <b>Client Reference N°:</b>  |
| <b>Project N°:</b> CT 20-046994  |
|  |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-018

Sample N°: 3,526,780

Test Date: 09/12/2020

Category Detail: Water

Sample Condition: ACCEPTABLE

Date received: 09/12/2020

Product Description\*\*: Klein Oostewal Beach

COA Remark\*\*: Time: 9:03

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results | Units     | Limits<br>[Target value] |
|---|---------------------|---------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | 2       | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | 150     | cfu/100ml |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-019

Sample N°: 3,526,781

Test Date: 09/12/2020

Category Detail: Water

Sample Condition: ACCEPTABLE

Date received: 09/12/2020

Product Description\*\*: Kraalbaai North

COA Remark\*\*: Time: 7.25

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results | Units     | Limits<br>[Target value] |
|---|---------------------|---------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 10/12/2020          | 6       | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 10/12/2020          | 3       | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Listeria species (AFNOR)<br>METHOD: SWM.MIC.005                 | 10/12/2020          | Absent  | /100ml    |                          |

**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 20-046994-020

Sample N°: 3,526,782

Test Date: 09/12/2020

Category Detail: Water

Sample Condition: ACCEPTABLE

Date received: 09/12/2020

Product Description\*\*: Kraalbaai South

COA Remark\*\*: Time: 7.30

**ANALYTICAL RESULTS**

| Tests   | Analysis Start Date | Results   | Units     | Limits<br>[Target value] |
|---|---------------------|-----------|-----------|--------------------------|
| <input checked="" type="checkbox"/> Escherichia coli<br>METHOD: SWJM 45                             | 09/12/2020          | No Growth | cfu/100ml |                          |
| <input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci)<br>METHOD: SWJM 57 | 09/12/2020          | No Growth | cfu/100ml |                          |

FINAL CERTIFICATE OF ANALYSIS

|           |            |
|-----------|------------|
| COA N°:   | 549229-0   |
| COA Date: | 17/12/2020 |
| Page      | 8 / 8      |



|  |
|--|
| <b>Customer:</b> The Saldanha Bay Water Quality Forum Trust                      |
| <b>Order N°:</b>   |
| <b>Client Reference N°:</b>  |
| <b>Project N°:</b> CT 20-046994  |
|  |

Results validated on 17/12/2020



Leelain Kordom  
Technical Signatory

Accredited analysis      \* Non Accredited analysis      **NC** Non Conformance      \*\* Customer provided 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 \* in this report are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

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

\*\* Data provided by the customer.

The test report apply 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 Mériex NutriSciences.

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