

FINAL CERTIFICATE OF ANALYSIS



COA N°: 738400-0

COA Date: 17/01/2023

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Customer: The Saldanha Bay Water Quality Forum Trust

Order N°:

Client Reference N°:

Project N°: CT 23-000954

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
Frederick C van wyk

20 Pelican Street The Cove
7357
Langebaan
South Africa

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-001

Sample N°: 4651827

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

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

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-002

Sample N°: 4651828

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

Product Description**: Seawater -No.2-Small craft Harbour

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	7	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	6	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-003

Sample N°: 4651829

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

Product Description**: Seawater -No.3-Government Jetty

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	25	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-004

Sample N°: 4651830

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

Product Description**: Seawater -No.4-Saldanha Bay yacht club

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	2	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	5	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-005

Sample N°: 4651831

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

Product Description**: Seawater -No.5-Pepper Bay -Southern seas fishing side

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	4	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	6	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-000954-006 Sample N°: 4651832 Test Date: 12/01/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 12/01/2023
 Product Description**: Seawater -No.6-Pepper Bay next to sewage overflow-outlet
 COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	5	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-007 Sample N°: 4651833 Test Date: 12/01/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 12/01/2023
 Product Description**: Seawater -No.7-Hoedjiesbaai
 COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	>150	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	>150	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-008 Sample N°: 4651834 Test Date: 12/01/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 12/01/2023
 Product Description**: Seawater -No.8-Saldanha holiday resort
 COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	>150	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	>150	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-009

Sample N°: 4651835

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

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

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	140	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	22	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-010

Sample N°: 4651836

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

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

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	105	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	10	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-011

Sample N°: 4651837

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

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

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	No Growth	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-012

Sample N°: 4651838

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

Product Description**: Seawater -No.12-Paraside beach

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-013

Sample N°: 4651839

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

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

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-014

Sample N°: 4651840

Test Date: 12/01/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 12/01/2023

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

COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	No Growth	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-000954-015 Sample N°: 4651841 Test Date: 12/01/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 12/01/2023
 Product Description**: Seawater -No.15-Langebaan beach houses North street
 COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	2	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-016 Sample N°: 4651842 Test Date: 12/01/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 12/01/2023
 Product Description**: Seawater -No.16-Pearly's
 COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	9	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	21	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-017 Sample N°: 4651843 Test Date: 12/01/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 12/01/2023
 Product Description**: Seawater -No.17-Yacht club
 COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	1	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	5	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-000954-018 Sample N°: 4651844 Test Date: 12/01/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 12/01/2023
 Product Description**: Seawater -No.18-Klein Oostewal beach
 COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	1	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	3	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-019 Sample N°: 4651845 Test Date: 12/01/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 12/01/2023
 Product Description**: Seawater -No.19-Kraalbaai North
 COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	3	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	5	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-000954-020 Sample N°: 4651846 Test Date: 12/01/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 12/01/2023
 Product Description**: Seawater -No.20-Kraalbaai South
 COA Remark**: Sampler: B.Fritz - Tide: High - Wind - From South 20kmh - Time: 4h55am

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	12/01/2023	70	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	12/01/2023	540	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 T0050.

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.

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Results validated on 17/01/2023

By: Lauren Hendricks

Technical Signatory