

FINAL CERTIFICATE OF ANALYSIS



COA N°: 735225-0

COA Date: 28/12/2022

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Customer: The Saldanha Bay Water Quality Forum Trust

Order N°:

Client Reference N°:

Project N°: CT 22-051143

Analysed By Swift Silliker (Pty) Ltd t/a Mérieux NutriSciences
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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 22-051143-001

Sample N°: 4628607

Test Date: 21/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 21/12/2022

Product Description**: Seawater -No.1-Breakwater Saldanha next to mussel rafts - 5:30

COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	2	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	14	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-002

Sample N°: 4628608

Test Date: 21/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 21/12/2022

Product Description**: Seawater -No.2-Small craft harbour - 5:38

COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	16	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	6	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-003

Sample N°: 4628609

Test Date: 21/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 21/12/2022

Product Description**: Seawater -No.3-Goverment jetty - 5:45

COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	80	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	6	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-004

Sample N°: 4628610

Test Date: 21/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 21/12/2022

Product Description**: Seawater -No.4-Saldanha Bay yacht club - 5:54

COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	9	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	1	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-005

Sample N°: 4628611

Test Date: 21/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 21/12/2022

Product Description**: Seawater -No.5-Pepper Bay -Southern seas fishing side -6:00

COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	30	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	15	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-006

Sample N°: 4628612

Test Date: 21/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 21/12/2022

Product Description**: Seawater -No.6-Pepper Bay next to sewage overflow -outlet - 6.04

COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	7	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	6	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-007

Sample N°: 4628613

Test Date: 21/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 21/12/2022

Product Description**: Seawater -No.7-Hoedjiesbaai - 6:23

COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	360	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	1000	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-008

Sample N°: 4628614

Test Date: 21/12/2022

Category Detail: Water

Sample Condition: SEALED

Date Received: 21/12/2022

Product Description**: Seawater -No.8-Saldanha holiday resort - 6:13

COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	70	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-051143-009 Sample N°: 4628615 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.9-Bok river at Blue Water Bay -6:53
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	280	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	220	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-010 Sample N°: 4628616 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.10-Portnet -the side facing Saldanha -7:13
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	1	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	1	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-011 Sample N°: 4628617 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.11-Portnet the side facing Langebaan - 7:24
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	2	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	3	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-051143-012 Sample N°: 4628618 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.12-Paraside Beach - 7:56
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-013 Sample N°: 4628619 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.13-Club Mykonos - 8:15
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	2	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	5	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-014 Sample N°: 4628620 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.14-Strandloper next to outlet from Country Club -8:25
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	12	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	1	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-051143-015 Sample N°: 4628621 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.15-Langebaan beach houses North Street -8:43
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	15	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	17	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-016 Sample N°: 4628622 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.16-Pearly's -8:52
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	20	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	8	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-017 Sample N°: 4628623 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.17-Yacht Club -9:31
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	25	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	7	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 22-051143-018 Sample N°: 4628624 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.18-Klein Oostewal beach -9:06
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	31	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	2	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-019 Sample N°: 4628625 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.19-Kraalbaai north -7:45
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	3	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 22-051143-020 Sample N°: 4628626 Test Date: 21/12/2022
 Category Detail: Water Sample Condition: SEALED Date Received: 21/12/2022
 Product Description**: Seawater -No.20-Kraalbaai south -7:56
 COA Remark**: Low Tide

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	21/12/2022	9	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	21/12/2022	4	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.

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

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Results validated on 28/12/2022

By: Lauren Hendricks

Technical Signatory