

FINAL CERTIFICATE OF ANALYSIS



COA N°: 827842-0

COA Date: 18/12/2023

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Customer: The Saldanha Bay Water Quality Forum Trust

Order N°:

Client Reference N°:

Project N°: CT 23-051997

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To: The Saldanha Bay Water Quality Forum Trust
Wilman Lucas

20 Pelican Street The Cove
7357
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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-001

Sample N°: 5212273

Test Date: 13/12/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 13/12/2023

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

COA Remark**: Tide:Low; Time-5:39

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-002

Sample N°: 5212274

Test Date: 13/12/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 13/12/2023

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

COA Remark**: Tide:Low; Time-5:46

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	2	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	5	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-051997-003 Sample N°: 5212275 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No3-Government jetty
 COA Remark**: Tide:Low; Time-5:54

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	40	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	6	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-004 Sample N°: 5212276 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No4-Saldanha bay yacht club
 COA Remark**: Tide:Low; Time-6:01

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	1	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-005 Sample N°: 5212277 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No5-Pepper bay -Southern seas fishing side
 COA Remark**: Tide:Low; Time-6:07

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	32	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	2	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-051997-006 Sample N°: 5212278 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No6-Pepper bay next to sewage overflow -outlet
 COA Remark**: Tide:Low; Time-6:11

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	5	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	2	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-007 Sample N°: 5212279 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No7-Hoedjiesbaai
 COA Remark**: Tide:Low; Time-6:32

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	10	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	6	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-008 Sample N°: 5212280 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No8-Saldanha holiday resort
 COA Remark**: Tide:Low; Time-6:21

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	4	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	No Growth	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-009

Sample N°: 5212281

Test Date: 13/12/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 13/12/2023

Product Description**: Seawater -No9-Bok river at blue water bay

COA Remark**: Tide:Low; Time-6:55

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	>150	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	50	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-010

Sample N°: 5212282

Test Date: 13/12/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 13/12/2023

Product Description**: Seawater -No10-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 METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-011

Sample N°: 5212283

Test Date: 13/12/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 13/12/2023

Product Description**: Seawater -No11-Portnet the side facing Langebaan

COA Remark**: Tide:Low; Time -7:27

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	No Growth	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-012

Sample N°: 5212284

Test Date: 13/12/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 13/12/2023

Product Description**: Seawater -No12-Paradise beach

COA Remark**: Tide:Low; Time-8:07

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-013

Sample N°: 5212285

Test Date: 13/12/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 13/12/2023

Product Description**: Seawater -No13-Club Mykonos

COA Remark**: Tide:Low; Time-8:25

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	7	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	2	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-014

Sample N°: 5212286

Test Date: 13/12/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 13/12/2023

Product Description**: Seawater -No14-Strandloper next to outlet from Country club

COA Remark**: Tide:Low; Time-8:40

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	No Growth	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-051997-015 Sample N°: 5212287 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No.15-Langebaan beach house North street
 COA Remark**: Tide:Low; Time-8:57

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-016 Sample N°: 5212288 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No16-Pearly's
 COA Remark**: Tide:Low; Time-9:06

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	2	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-017 Sample N°: 5212289 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No17-Yacht club
 COA Remark**: Tide:Low; Time-9:44

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	No Growth	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-051997-018 Sample N°: 5212290 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No18-Klein Oostewal beach
 COA Remark**: Tide:Low; Time-9:22

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	1	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-019 Sample N°: 5212291 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No.19-Kraalbaai North
 COA Remark**: Tide:Low; Time-7:55

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	1	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	2	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-051997-020 Sample N°: 5212292 Test Date: 13/12/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 13/12/2023
 Product Description**: Seawater -No20-Kraalbaai South
 COA Remark**: Tide:Low; Time-7:54

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	14/12/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	14/12/2023	1	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 18/12/2023

By: Angelique Gregory

Technical Signatory