

TOBIN

Lissinagroagh Wind Farm – Application Environmental Impact Assessment Report

Appendix 8-2 Surface water Lab results

FuturEnergy Ireland

BUILT ON KNOWLEDGE

APPENDIX 8-2



Amended Report

Report No.: 20-27530-2
Initial Date of Issue: 16-Oct-2020 **Date of Re-Issue:** 30-Nov-2020
Client: Tobin Consulting Engineers
Client Address: Block 10-4
Blanchardstown Corporate Park
Dublin 15
Dublin
Ireland
Contact(s): John Dillon
Project: Lissiandroagh
Quotation No.: Q20-21515 **Date Received:** 12-Oct-2020
Order No.: **Date Instructed:** 12-Oct-2020
No. of Samples: 5
Turnaround (Wkdays): 5 **Results Due:** 16-Oct-2020
Date Approved: 16-Oct-2020

Approved By:

Details: Glynn Harvey, Technical Manager

Results - Water

Project: Lissiangroagh

| Client: Tobin Consulting Engineers | | Chemtest Job No.: | | 20-27530 | 20-27530 | 20-27530 | 20-27530 | 20-27530 | |
|---|----------------|-----------------------------|--------------|-------------|-------------|-------------|-------------|-------------|---------|
| Quotation No.: Q20-21515 | | Chemtest Sample ID.: | | 1079277 | 1079278 | 1079279 | 1079280 | 1079281 | |
| | | Client Sample ID.: | | SW1 | SW2 | SW3 | SW4 | SW5 | |
| | | Sample Type: | | WATER | WATER | WATER | WATER | WATER | |
| | | Date Sampled: | | 01-Oct-2020 | 01-Oct-2020 | 01-Oct-2020 | 02-Oct-2020 | 01-Oct-2020 | |
| Determinand | Accred. | SOP | Units | LOD | | | | | |
| pH | U | 1010 | | N/A | 8.6 | 8.5 | 8.4 | 8.3 | 8.4 |
| Electrical Conductivity | U | 1020 | µS/cm | 1.0 | 250 | 120 | 130 | 82 | 200 |
| Suspended Solids At 105C | U | 1030 | mg/l | 5.0 | 8.0 | 17 | < 5.0 | < 5.0 | 9.0 |
| Biochemical Oxygen Demand | N | 1090 | mg O2/l | 4.0 | [B] 11 | [B] 10 | [B] 11 | [B] 10 | [B] 10 |
| Chemical Oxygen Demand | U | 1100 | mg O2/l | 10 | [B] 130 | [B] 120 | [B] 87 | [B] 130 | [B] 110 |
| Alkalinity (Total) | U | 1220 | mg/l | 10 | 71 | 27 | 44 | 32 | 100 |
| Chloride | U | 1220 | mg/l | 1.0 | 15 | 11 | 13 | 17 | 20 |
| Ammonia (Free) | U | 1220 | mg/l | 0.050 | 0.24 | < 0.050 | < 0.050 | < 0.050 | < 0.050 |
| Nitrite | U | 1220 | mg/l | 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 | < 0.020 |
| Nitrate | U | 1220 | mg/l | 0.50 | < 0.50 | < 0.50 | < 0.50 | 0.86 | < 0.50 |
| Phosphorus (Total) | N | 1220 | mg/l | 0.020 | 0.033 | 0.029 | 0.030 | 0.033 | 0.026 |
| Orthophosphate as PO4 | U | 1220 | mg/l | 0.050 | 0.10 | 0.087 | 0.091 | 0.098 | 0.077 |
| Nitrogen (Total) | N | 1340 | mg/l | 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 | < 5.0 |
| Total Hardness as CaCO3 | U | 1270 | mg/l | 15 | 73 | 34 | 44 | 26 | 84 |

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

| Sample: | Sample Ref: | Sample ID: | Sample Location: | Sampled Date: | Deviation Code(s): | Containers Received: |
|----------------|--------------------|-------------------|-------------------------|----------------------|---------------------------|-----------------------------|
| 1079277 | | SW1 | | 01-Oct-2020 | B | Plastic Bottle 1000ml |
| 1079278 | | SW2 | | 01-Oct-2020 | B | Plastic Bottle 1000ml |
| 1079279 | | SW3 | | 01-Oct-2020 | B | Plastic Bottle 1000ml |
| 1079280 | | SW4 | | 02-Oct-2020 | B | Plastic Bottle 1000ml |
| 1079281 | | SW5 | | 01-Oct-2020 | B | Plastic Bottle 1000ml |

Test Methods

| SOP | Title | Parameters included | Method summary |
|------|--|--|--|
| 1010 | pH Value of Waters | pH | pH Meter |
| 1020 | Electrical Conductivity and Total Dissolved Solids (TDS) in Waters | Electrical Conductivity and Total Dissolved Solids (TDS) in Waters | Conductivity Meter |
| 1030 | Total Suspended Solids | Total suspended solids | Filtration of a mixed sample through a standard glass fibre filter and determination of the mass of residue retained dried at 105°C. |
| 1090 | Biochemical Oxygen Demand | Biochemical Oxygen demand (BOD) | Colorimetric determination of dissolved oxygen in seeded sample after 5 days incubation at 20°C. |
| 1100 | Chemical Oxygen Demand | Chemical Oxygen demand (COD) | Dichromate oxidation of organic matter in sample followed by colorimetric determination of residual Cr[VI]. |
| 1220 | Anions, Alkalinity & Ammonium in Waters | Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium | Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser. |
| 1270 | Total Hardness of Waters | Total hardness | Calculation applied to calcium and magnesium results, expressed as mg l-1 CaCO ₃ equivalent. |
| 1340 | Total Nitrogen in Waters | Total Nitrogen and organic Nitrogen | Persulphate digestion followed by colorimetry. |
| 1415 | Cations in Waters by ICP-MS | Sodium; Potassium; Calcium; Magnesium | Direct determination by inductively coupled plasma - mass spectrometry (ICP-MS). |

Report Information

Key

| | |
|-----|---|
| U | UKAS accredited |
| M | MCERTS and UKAS accredited |
| N | Unaccredited |
| S | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis |
| SN | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T | This analysis has been subcontracted to an unaccredited laboratory |
| I/S | Insufficient Sample |
| U/S | Unsuitable Sample |
| N/E | not evaluated |
| < | "less than" |
| > | "greater than" |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com



Final Report

Report No.: 21-25978-1
Initial Date of Issue: 03-Aug-2021
Client: Tobin Consulting Engineers
Client Address: Block 10-4
Blanchardstown Corporate Park
Dublin 15
Dublin
Ireland
Contact(s): John Dillon
Project: 10955 Lissnagroagh
Quotation No.: Q21-24896
Date Received: 28-Jul-2021
Order No.:
Date Instructed: 28-Jul-2021
No. of Samples: 3
Turnaround (Wkdays): 5
Results Due: 03-Aug-2021
Date Approved: 03-Aug-2021

Approved By:

Details: Glynn Harvey, Technical Manager

Results - Water

Project: 10955 Lissnagroagh

| Client: Tobin Consulting Engineers | | Chemtest Job No.: | | 21-25978 | 21-25978 | 21-25978 | |
|---|----------------|-----------------------------|--------------|-------------|-------------|-------------|--------|
| Quotation No.: Q21-24896 | | Chemtest Sample ID.: | | 1249474 | 1249475 | 1249476 | |
| | | Client Sample ID.: | | L701 | L702 | L703 | |
| | | Sample Type: | | WATER | WATER | WATER | |
| | | Date Sampled: | | 21-Jul-2021 | 21-Jul-2021 | 21-Jul-2021 | |
| Determinand | Accred. | SOP | Units | LOD | | | |
| pH | U | 1010 | | N/A | 8.2 | 8.4 | 8.5 |
| Electrical Conductivity | U | 1020 | µS/cm | 1.0 | 630 | 530 | 260 |
| Suspended Solids At 105C | U | 1030 | mg/l | 5.0 | 13 | 6.0 | 7.0 |
| Chemical Oxygen Demand | U | 1100 | mg O2/l | 10 | [B] < 10 | [B] 12 | [B] 25 |
| Chloride | U | 1220 | mg/l | 1.0 | 14 | 15 | 13 |
| Ammonium | U | 1220 | mg/l | 0.050 | 0.18 | 0.079 | 0.14 |
| Nitrate | U | 1220 | mg/l | 0.50 | 3.1 | 3.1 | 0.71 |
| Phosphorus (Total) | N | 1220 | mg/l | 0.020 | 0.080 | 0.040 | 0.040 |
| Orthophosphate as PO4 | U | 1220 | mg/l | 0.050 | 0.24 | 0.12 | 0.12 |

Deviations

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|----------------|--------------------|-------------------|-------------------------|----------------------|---------------------------|-----------------------------|
| 1249474 | | L701 | | 21-Jul-2021 | B | Miscellaneous |
| 1249475 | | L702 | | 21-Jul-2021 | B | Miscellaneous |
| 1249476 | | L703 | | 21-Jul-2021 | B | Miscellaneous |

Test Methods

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| 1220 | Anions, Alkalinity & Ammonium in Waters | Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium | Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser. |
| 1455 | Metals in Waters by ICP-MS | Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc | Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS). |

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| I/S | Insufficient Sample |
| U/S | Unsuitable Sample |
| N/E | not evaluated |
| < | "less than" |
| > | "greater than" |
| SOP | Standard operating procedure |
| LOD | Limit of detection |

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If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com

Client: TOBIN
Office
Block 10-4
Blanch
Corp Park
Dublin 15

Certificate Code: AR-25-M3-035968-01

Page Number: Page 1 of 2

PO reference:

Certificate of Analysis

| | | | |
|-----------------------|-------------------|---------------------|------------|
| Sample number | 966-2025-00040320 | Received on | 15/10/2025 |
| Your sample reference | 701 Surface | Analysis started on | 15/10/2025 |
| Sample Matrix | water | | |
| Sample Date | 15/10/2025 | Time Sampled | 10:15 |

| Test Code Analyte | SUB ⁵ Analysis Started | Method | LOQ ³ | SPEC ² | Result | Units | ACCRED ⁴ |
|--|---|--------|------------------|-------------------|--------|-------|---------------------|
| Ammonia as N - Gallery [M300Z] | | | | | | | |
| Ammonia as N - Gallery | 16/10/25 10:53 | EW175 | 0.01 | | 0.050 | mg/l | C6 |
| Ammonium as NH4 (calc) - Gallery [M300T] | | | | | | | |
| Ammonium as NH4 (calc) - Gallery | 16/10/25 10:53 | EW175 | 0.01 | | 0.064 | mg/l | C6 |
| Chloride mg/L - Gallery [M300S] | | | | | | | |
| Chloride mg/L - Gallery | 16/10/25 10:53 | EW175 | 5 | | 13.8 | mg/l | C6 |
| Conductivity at 20°C (Robotic Method) [M3052] | | | | | | | |
| Conductivity at 20°C | 15/10/25 19:15 | EW152R | 5 | | 520 | µS/cm | C6 |
| Nitrate (as N) - Gallery [M301A] | | | | | | | |
| Nitrate (as N) - Gallery | 16/10/25 10:53 | EW175 | 1 | | 1.5 | mg/l | C6 |
| Nitrate as NO3 (Calc) - Gallery [M300L] | | | | | | | |
| Nitrate as NO3 (Calc) - Gallery | 16/10/25 10:53 | EW175 | 4.4 | | 6.6 | mg/l | C6 |
| pH (Robotic Method) [M3051] | | | | | | | |
| pH | 15/10/25 19:15 | EW152R | 4 | | 7.4 | | C6 |
| Phosphate (Ortho/MRP) as P - Gallery [M300P] | | | | | | | |
| Phosphate (Ortho/MRP) as P - Gallery | 16/10/25 10:53 | EW175 | 0.01 | | 0.015 | mg/l | C6 |
| TPH 3 Band (C6-10-21-40) in water [M502B] | | | | | | | |
| TPH >C10-C21 | * 16/10/25 13:18 | | 0.1 | | <0.1 | µg/l | |
| TPH >C21-C40 | * 16/10/25 13:18 | | 0.1 | | <0.1 | µg/l | |
| TPH >C6-C10 | * 16/10/25 13:18 | | 0.1 | | <0.1 | µg/l | |
| TPH Total >C6-C40 | * 16/10/25 13:18 | | 10 | | <10 | µg/l | YA |
| Validation | * 16/10/25 13:18 | | | | 0 | | |
| Validation | * 16/10/25 13:18 | | | | 0 | | |

Signed: _____



04/11/2025

Aoife De Barra - Organics & Instrumentation Team Lead CIE016

Client: TOBIN
Head Office
Block 10-4
Blanch
Corp Park
Dublin 15

Certificate Code: AR-25-M3-035969-01

Page Number: Page 2 of 2

PO reference:

NOTES

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2. SPEC = Allowable limit or parametric value.
3. LOQ = Limit of Quantification or lowest value that can be reported.
4. ACCRED = Indicates accreditation for the test, a blank field indicates not accredited.
5. * indicates the test was sub-contracted, "D" indicates the analysis was performed in Dublin and "C" indicates the analysis performed in Cork.
6. The sampling date was not communicated; this may impact the validity of the results unless provided.
- 7A. This test was conducted outside of recommended best practice holding time; this may impact the validity of the result while the accreditation status of the test result will stay unaffected.
- 7B. No time of sampling was supplied, a default time of 00:00:00 will be assumed for holding time calculations unless provided. This may impact the validity of the results.
- 7C. Your sample arrived at the laboratory already outside of the recommended best practice holding time; this may impact the validity of the result while the accreditation status of the test result will stay unaffected.
- 7D. The sample was received close to the recommended best practice holding time; this may impact the validity of the result while the accreditation status of the test result will stay unaffected.
8. This notification is based on the numerical result for the test without consideration of the uncertainty of measurement of the result, unless otherwise agreed in writing. Uncertainty of measurement has been calculated for all INAB accredited tests and is available upon request.
9. Report is issued as per our standard T&C of sale.
10. \$ = Retest result reported.

Signed: _____



Aoife De Barra - Organics & Instrumentation Team Lead CIE016

04/11/2025

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Blanchardstown
Dublin 15

Certificate Code: AR-25-M3-035969-01

Page Number: Page 1 of 2

PO reference:

Certificate of Analysis

| | | | |
|-----------------------|-------------------|---------------------|------------|
| Sample number | 966-2025-00040321 | Received on | 15/10/2025 |
| Your sample reference | 702 Surface | Analysis started on | 15/10/2025 |
| Sample Matrix | water | | |
| Sample Date | 15/10/2025 | Time Sampled | 10:30 |

| Test Code | SUB ⁵ | Analysis Started | Method | LOQ ³ | SPEC ² | Result | Units | ACCRED ⁴ |
|--|------------------|------------------|--------|------------------|-------------------|--------|-------|---------------------|
| Chloride mg/L - Gallery [M300S] | | | | | | | | |
| Chloride mg/L - Gallery | | 16/10/25 10:53 | EW175 | 5 | | 15.4 | mg/l | C6 |
| Conductivity at 20°C (Robotic Method) [M3052] | | | | | | | | |
| Conductivity at 20°C | | 15/10/25 19:15 | EW152R | 5 | | 512 | µS/cm | C6 |
| Nitrate (as N) - Gallery [M301A] | | | | | | | | |
| Nitrate (as N) - Gallery | | 16/10/25 10:53 | EW175 | 1 | | 1.1 | mg/l | C6 |
| Nitrate as NO3 (Calc) - Gallery [M300L] | | | | | | | | |
| Nitrate as NO3 (Calc) - Gallery | | 16/10/25 10:53 | EW175 | 4.4 | | 4.5 | mg/l | C6 |
| pH (Robotic Method) [M3051] | | | | | | | | |
| pH | | 15/10/25 19:15 | EW152R | 4 | | 7.4 | | C6 |
| Phosphate (Ortho/MRP) as P - Gallery [M300P] | | | | | | | | |
| Phosphate (Ortho/MRP) as P - Gallery | | 16/10/25 10:53 | EW175 | 0.01 | | 0.015 | mg/l | C6 |
| Suspended Solids [M3002] | | | | | | | | |
| Suspended Solids | | 15/10/25 19:14 | EW013 | 5 | | <5 | mg/l | C6 |
| TPH 3 Band (C6-10-21-40) in water [M502B] | | | | | | | | |
| TPH >C10-C21 | * | 16/10/25 13:18 | | 0.1 | | <0.1 | µg/l | |
| TPH >C21-C40 | * | 16/10/25 13:18 | | 0.1 | | <0.1 | µg/l | |
| TPH >C6-C10 | * | 16/10/25 13:18 | | 0.1 | | <0.1 | µg/l | |
| TPH Total >C6-C40 | * | 16/10/25 13:18 | | 10 | | <10 | µg/l | YA |
| Validation | * | 16/10/25 13:18 | | | | 0 | | |
| Validation | * | 16/10/25 13:18 | | | | 0 | | |

⁴ Accreditation Information

C6: ISO/IEC 17025:2017 INAB 138-T
YA: Accredited (External Subcontractor)

Signed: _____



Aoife De Barra - Organics & Instrumentation Team Lead CIE016

04/11/2025

Client: TOBIN
Office
Block 10-4
Blanchardstown
Dublin 15

Certificate Code: AR-25-M3-035970-01

Page Number: Page 1 of 2

PO reference:

Certificate of Analysis

| | | | |
|-----------------------|-------------------|---------------------|------------|
| Sample number | 966-2025-00040322 | Received on | 15/10/2025 |
| Your sample reference | 703 Surface | Analysis started on | 15/10/2025 |
| Sample Matrix | water | | |
| Sample Date | 15/10/2025 | Time Sampled | 10:45 |

| Test Code | SUB ⁵ | Analysis Started | Method | LOQ ³ | SPEC ² | Result | Units | ACCRED ⁴ |
|--|------------------|------------------|--------|------------------|-------------------|--------|-------|---------------------|
| Chloride mg/L - Gallery [M300S] | | | | | | | | |
| Chloride mg/L - Gallery | | 16/10/25 10:53 | EW175 | 5 | | 13.1 | mg/l | C6 |
| Conductivity at 20°C (Robotic Method) [M3052] | | | | | | | | |
| Conductivity at 20°C | | 15/10/25 19:15 | EW152R | 5 | | 195 | µS/cm | C6 |
| Nitrate (as N) - Gallery [M301A] | | | | | | | | |
| Nitrate (as N) - Gallery | | 16/10/25 10:53 | EW175 | 1 | | 1.55 | mg/l | C6 |
| Nitrate as NO3 (Calc) - Gallery [M300L] | | | | | | | | |
| Nitrate as NO3 (Calc) - Gallery | | 16/10/25 10:53 | EW175 | 4.4 | | 6.8 | mg/l | C6 |
| pH (Robotic Method) [M3051] | | | | | | | | |
| pH | | 15/10/25 19:15 | EW152R | 4 | | 7.5 | | C6 |
| Phosphate (Ortho/MRP) as P - Gallery [M300P] | | | | | | | | |
| Phosphate (Ortho/MRP) as P - Gallery | | 16/10/25 10:53 | EW175 | 0.01 | | 0.011 | mg/l | C6 |
| Suspended Solids [M3002] | | | | | | | | |
| Suspended Solids | | 15/10/25 19:14 | EW013 | 5 | | 11 | mg/l | C6 |
| TPH 3 Band (C6-10-21-40) in water [M502B] | | | | | | | | |
| TPH >C10-C21 | * | 16/10/25 13:18 | | 0.1 | | <0.1 | µg/l | |
| TPH >C21-C40 | * | 16/10/25 13:18 | | 0.1 | | <0.1 | µg/l | |
| TPH >C6-C10 | * | 16/10/25 13:18 | | 0.1 | | <0.1 | µg/l | |
| TPH Total >C6-C40 | * | 16/10/25 13:18 | | 10 | | <10 | µg/l | YA |
| Validation | * | 16/10/25 13:18 | | | | 0 | | |
| Validation | * | 16/10/25 13:18 | | | | 0 | | |

⁴ Accreditation Information

C6: ISO/IEC 17025:2017 INAB 138-T
YA: Accredited (External Subcontractor)

Signed: _____



04/11/2025

Aoife De Barra - Organics & Instrumentation Team Lead CIE016

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Blanchardst
own
Dublin 15

Certificate Code: AR-25-M3-035970-01

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Signed:



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04/11/2025

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- 7A. This test was conducted outside of recommended best practice holding time; this may impact the validity of the result while the accreditation status of the test result will stay unaffected.
- 7B. No time of sampling was supplied, a default time of 00:00:00 will be assumed for holding time calculations unless provided. This may impact the validity of the results.
- 7C. Your sample arrived at the laboratory already outside of the recommended best practice holding time; this may impact the validity of the result while the accreditation status of the test result will stay unaffected.
- 7D. The sample was received close to the recommended best practice holding time; this may impact the validity of the result while the accreditation status of the test result will stay unaffected.
8. This notification is based on the numerical result for the test without consideration of the uncertainty of measurement of the result, unless otherwise agreed in writing. Uncertainty of measurement has been calculated for all INAB accredited tests and is available upon request.
9. Report is issued as per our standard T&C of sale.
10. \$ = Retest result reported.

Signed: _____



Aoife De Barra - Organics & Instrumentation Team Lead CIE016

04/11/2025

Client: TOBIN
Head
Office
Block 10-4
Blanch
Corp Park
Dublin 15

Certificate Code: AR-25-M3-035968-01

Page Number: Page 2 of 2

PO reference:

Certificate of Analysis

| | | | |
|-----------------------|-------------------|---------------------|------------|
| Sample number | 966-2025-00040320 | Received on | 15/10/2025 |
| Your sample reference | 703 Surface | Analysis started on | 15/10/2025 |
| Sample Matrix | water | | |
| Sample Date | 15/10/2025 | Time Sampled | 13:15 |

| Test Code | SUB ⁵ | Analysis Started | Method | LOQ ³ | SPEC ² | Result | Units | ACCRED ⁴ |
|-----------|------------------|------------------|--------|------------------|-------------------|--------|-------|---------------------|
| Analyte | | | | | | | | |

⁴ Accreditation Information

C6: ISO/IEC 17025:2017 INAB 138-T
YA: Accredited (External Subcontractor)

NOTES

- This Report shall not be reproduced, except in full, without the permission of the Laboratory and only relates to the items tested.
- SPEC = Allowable limit or parametric value.
- LOQ = Limit of Quantification or lowest value that can be reported.
- ACCRED = Indicates accreditation for the test, a blank field indicates not accredited.
- * indicates the test was sub-contracted, "D" indicates the analysis was performed in Dublin and "C" indicates the analysis performed in Cork.
- The sampling date was not communicated; this may impact the validity of the results unless provided.
- 7A. This test was conducted outside of recommended best practice holding time; this may impact the validity of the result while the accreditation status of the test result will stay unaffected.
- 7B. No time of sampling was supplied, a default time of 00:00:00 will be assumed for holding time calculations unless provided. This may impact the validity of the results.
- 7C. Your sample arrived at the laboratory already outside of the recommended best practice holding time; this may impact the validity of the result while the accreditation status of the test result will stay unaffected.
- 7D. The sample was received close to the recommended best practice holding time; this may impact the validity of the result while the accreditation status of the test result will stay unaffected.
- This notification is based on the numerical result for the test without consideration of the uncertainty of measurement of the result, unless otherwise agreed in writing. Uncertainty of measurement has been calculated for all INAB accredited tests and is available upon request.
- Report is issued as per our standard T&C of sale.
- \$ = Retest result reported.

Signed: _____



Aoife De Barra - Organics & Instrumentation Team Lead CIE016

04/11/2025