



## Certificate of Analysis

<b>Customer:</b>	Monaghan County Council	<b>Site/Project:</b>	Check
<b>Local Authority:</b>	The Glen, Glen Rd, Tirkeenan, Monaghan	<b>Date Received:</b>	20/12/2024
<b>Customer Contact:</b>	Suzanne Clinton	<b>Condition of Sample(s):</b>	Satisfactory
<b>Customer PO</b>		<b>Date Analysed:</b>	20/12/2024 - 02/01/2025
<b>Quote No.</b>		<b>Issue Date:</b>	13/01/2025
		<b>BATCH NUMBER:</b>	<b>24-52143</b>

Jake Grunfield  
Laboratory Analyst

### Index to symbols used:

*	Analysis is not INAB accredited
**	Adapted from Standard Methods for the Examination of Water and Wastewater.
***	S.I. No. 122 of 2014 and S.I No. 99 of 2023 - European Union (Drinking Water) Regulations 2014, 2017 and 2023
(F)	Analysis carried out at our Farranfore Laboratory.
(D)	Analysis carried out at our Dunrine Laboratory.
LOD	Parameter Limit of Quantification

### Notes

Note A	The water should not be aggressive.
Note C	Acceptable to customers and no abnormal change.
Note D	In the case of surface water treatment, a parametric value not exceeding 1 NTU in the water ex treatment works must be strived for.
Note E	Irish water parametric limit for TVC is <100 cfu/mL.
Note F	Fluoridated supplies 0.8 mg/L; Natural supplies 1.5 mg/L.
Note 6	Subcontracted Parameter.

- ◆ The results relate only to the items tested.
- ◆ Opinions and interpretations expressed herein are outside the scope of INAB accreditation.
- ◆ The analysis report shall not be reproduced except in full without written approval of the laboratory.
- ◆ Sampling is outside the scope of the laboratory activities.

(registered office)

4 park business centre | **farranfore** | county kerry | ireland | telephone +353 66 976 3588 | fax +353 66 976 3589  
dunrine | **killarney** | county kerry | ireland | telephone +353 64 66 33922 | fax +353 64 66 39022

web site [www.southernscientificireland.com](http://www.southernscientificireland.com) | e-mail [info@southernscientificireland.com](mailto:info@southernscientificireland.com)

directors: K. Murphy, M. Murphy & C. Murphy  
registered in ireland no 323196 | vat reg no IE 6343196 M





<b>Customer Sample Ref:</b>	Tydavnet National School H18 FK12 - staffroom sink	<b>Customer Sample Code:</b>	
<b>Entity Name:</b>	Tydavnet GWS	<b>Sample Condition:</b>	Satisfactory
<b>Site / Project:</b>	Check	<b>Entity Code:</b>	
<b>Our Reference:</b>	157249 (24-52143) -	<b>Sampled By:</b>	Declan Callan, SSS Ltd
<b>Date Sampled:</b>	20/12/2024	<b>Sample Matrix:</b>	Drinking Water
		<b>Time Sampled:</b>	09:20

Method:	Parameter:	Units	LOQ	Result	***Limits
<u>Onsite Measurements:</u>					
SEP 007	* Temperature	°C		7.00	
SEP 007	* Free Chlorine	mg/L	0.02	0.51	
SEP 007	* Total Chlorine	mg/L	0.02	0.63	
<u>Microbiological Analysis: (D)</u>					
SMP 019	Coliforms	MPN/100mL	<1	< 1	0 MPN/100mL
SMP 061	TVC @ 22°C for 72 Hrs	cfu/mL	<1	< 1	<= 100 cfu/mL
SMP 019	E. coli	MPN/100mL	<1	< 1	0 MPN/100mL
SMP 068	Enterococci	MPN/100mL	<1	< 1	0 MPN/100mL
<u>Chemical Analysis: (F)</u>					
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.5	6.5 - 9.5pH (Note A)
SCP 052	Conductivity	µS/cm @ 20 °C	14.7	371.0	2500.0 µS/cm @ 20
SCP 058/058B	Turbidity	NTU	0.20	< 0.20	Note C & D
SCP 018/018B	Apparent Colour	Pt-Co	5	< 5	Note C
SCP 082	* Odour	-		0	Note C
**2160B	* Taste	-		0	Note C
SCP 053B/053D	Aluminium	µg/L	10	40	200 µg/L
SCP 053B/053D	Iron	µg/L	10	< 10	200 µg/L
SCP 053B/053D	Manganese	µg/L	2	< 2	50 µg/L

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