

Certificate of Analysis

Customer:	Monaghan County Council	Site/Project:	
Local Authority:	The Glen, Glen Rd, Tirkeenan, Monaghan	Date Received:	28/06/2024
Customer Contact:	Suzanne Clinton	Condition of Sample(s):	Satisfactory
Customer PO		Date Analysed:	28/06/2024 - 04/07/2024
Quote No.	Q24-00641	Issue Date:	11/07/2024
		BATCH NUMBER:	24-43994

Sadhbh O'Brien

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Chemistry Team Lead

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 Dunrinc 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)

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Customer Sample Ref:	2 Cois Coill Oram, Castleblaney, Monaghan A75 HP28	Customer Sample Code:	
Entity Name:	Churchill Oram GWS	Sample Condition:	Satisfactory
Site / Project:	Check	Entity Code:	
Our Reference:	134740 (24-43994) -	Sampled By:	Katir Brady SSS LTD
Date Sampled:	28/06/2024	Sample Matrix:	Drinking Water
		Time Sampled:	10:40

Method:	Parameter:	Units	LOQ	Result	***Limits
<u>Onsite Measurements:</u>					
SEP 007	* Temperature	°C		16.60	
SEP 007	* Free Chlorine	mg/L	0.02	0.87	
SEP 007	* Total Chlorine	mg/L	0.02	0.96	
<u>Microbiological Analysis: (D)</u>					
SMP 019	Coliforms	MPN/100mL	<1	< 1	0 MPN/100mL
SMP 019	E. coli	MPN/100mL	<1	< 1	0 MPN/100mL
SMP 061	TVC @ 22°C for 72 Hrs	cfu/mL	<1	< 1	<= 100 cfu/mL
SMP 068	Enterococci	MPN/100mL	<1	< 1	0 MPN/100mL
<u>Chemical Analysis: (F)</u>					
SCP 052	Hydrogen Ion (pH)	pH units	4.0	7.8	6.5 - 9.5pH (Note A)
SCP 052	Conductivity	µS/cm @ 20 °C	15	161	2500 µS/cm @ 20 °C
SCP 058/058B	Turbidity	NTU	0.20	0.20	Note C & D
SCP 018/018B	Apparent Colour	Pt-Co	5	9	Note C
SCP 053B/053D	Aluminium	µg/L	10	< 10	200 µg/L
SCP 053B/053D	Iron	µg/L	10	29	200 µg/L
SCP 053B/053D	Manganese	µg/L	2	< 2	50 µg/L
SCP 082	* Odour	-		0	Note C
**2160B	* Taste	-		0	Note C

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