



Foillimneacht na Seirbhíse Sláinte  
Health Service Executive

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

Dr. Declan Costello, Public Analyst (Regional)  
Email: PublicAnalystLab.UCHG@hse.ie  
Telephone: (091) 58 11 22  
Fax: (091) 58 12 12

Public Analyst's Laboratory,  
Seamus Quirke Road,  
Galway, H91 Y952,  
Ireland

Lab Ref Number: W2027-2021

Date Printed: 18/08/2021

For Parametric Values/Ranges see Drinking Water Regulations S.I. No. 122 of 2014

#Name of Supply: Kiltiernan GWS Authority Private  
#Sampling Point: Michael Murphy Kitchen Tap - Treated Water  
#Requested by: Michael Murphy EPA Ref No. 1200PRI1056  
Receipt Number Paid

#Date & Time Sampled 26/07/2021 09:30:00 Date Received: 26-July-2021

REPORT TO: Michael Murphy  
Caheradoo  
Kilcolgan  
Co. Galway

Test No.	Parameter	Parametric Value	Method No.	Units	Result	Date Tested
38 *	Odour	Acceptable to consumers and no abnormal change.	2/3		Chlorine	27/07/2021
33	Colour Pt-Co		2/6	mg/L	<2.0	
46	Turbidity		2/7	NTU	<0.2	
35	Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.2	
34	Conductivity @ 20°C	2500	2/8	µS/cm	754	
29	Aluminium as Al	200	2/46	µg/L	<20	
20	Nitrate as NO <sub>3</sub>	50	2/37	mg/L	7.4	
21	Nitrite as NO <sub>2</sub>	0.50	2/37	mg/L	0.02	
30	Ammonium as NH <sub>4</sub>	0.30	2/37	mg/L	<0.03	
36	Iron as Fe	200	2/46	µg/L	<20	
37	Manganese as Mn	50	2/46	µg/L	<20	
12	Copper as Cu	2	2/46	mg/L	<0.04	
4	*Antimony as Sb	5.0	2/46	µg/L	<1.0	
10	Cadmium as Cd	5	2/46	µg/L	<1.0	
17	Lead as Pb	10	2/46	µg/L	<4.0	
5	Arsenic as As	10	2/46	µg/L	<4.0	
11	Chromium as Cr	50	2/46	µg/L	<4.0	
19	Nickel as Ni	20	2/46	µg/L	4.1	
25	Selenium as Se	10	2/46	µg/L	<4.0	
8	Boron as B	1.0	2/46	mg/L	0.02	
	Zinc as Zn		2/46	mg/L	<0.04	
	Total Hardness as CaCO <sub>3</sub>		2/30	mg/L	338	
	Total Alkalinity as CaCO <sub>3</sub>		2/30	mg/L	436	
	Chloride as Cl	250	2/30	mg/L	53	
40	Sulphate as SO <sub>4</sub>	250	2/30	mg/L	<20	
41 *	Sodium as Na	200	2/38	mg/L	29	
	*Potassium as K		2/39	mg/L	8	
	Free Chlorine as Cl		2/10	mg/L	<0.02	27/07/2021
	Total Chlorine as Cl		2/10	mg/L	0.07	27/07/2021

\*Remarks

The chemical analysis denotes hard water. The chemical parameters analysed comply with the Drinking Water Regulation limits.



*Gayle Kealy*

Dr. Gayle Kealy  
Executive Analytical Chemist

Report Status Authorized

\*Denotes a non-accredited Test. #This data is provided to the laboratory by the customer in the first instance.

Note 1: This report shall not be reproduced except in full, without written approval of the laboratory

Note 2: This test report relates only to the sample tested, as received.

Note 3: Any opinions, remarks and/or interpretations expressed above are outside the scope of accreditation

Note 4: The parametric value for Nitrite is 0.10 mg/L when the sample is taken at the Water Treatment Works

Blue type indicates a result that does not comply with the Parametric Value or Range & is outside the scope of accreditation.

Red type indicates a result that does not comply with the Parametric Value or Range.