



Fidhmeannacht 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

Date Printed: 10/09/2021

Lab Ref Number: W2331-2021

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

#Name of Supply: Kiltiernan GWS	Authority	Private
#Sampling Point: Terence Duffy - Kitchen Tap		
#Requested by: Michael J Murphy	EPA Ref No.	1200PRI1056
	Receipt Number	Repeat
#Date & Time Sampled 26/08/2021 14:00:00	Date Received:	26-August-2021

REPORT TO: Michael J Murphy  
C/o Kiltiernan GWS  
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	26/08/2021
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	6.9	
34 Conductivity @ 20°C	2500	2/8	µS/cm	673	
29 Aluminium as Al	200	2/46	µg/L	60	
20 Nitrate as NO <sub>3</sub>	50	2/37	mg/L	7.0	
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	4.5	
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	301	
Total Alkalinity as CaCO <sub>3</sub>		2/30	mg/L	344	
Chloride as Cl	250	2/30	mg/L	40	
40 Sulphate as SO <sub>4</sub>	250	2/30	mg/L	20	
41 * Sodium as Na	200	2/38	mg/L	26	
*Potassium as K		2/39	mg/L	7	
Free Chlorine as Cl		2/10	mg/L	0.30	26/08/2021

\*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 Authorised

\*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.