



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

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Date Printed: 18/08/2021

Lab Ref Number: W2098-2021

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

#Name of Supply: Kiltiernan GWS	Authority	Private
#Sampling Point: Tom Creedon, Kitchen Tap	EPA Ref No.	1200PRI1056
#Requested by: Michael J Murphy	Receipt Number	Paid
#Date & Time Sampled 05/08/2021 00:00:00	Date Received:	05-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	06/08/2021
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	7.2	
34	Conductivity @ 20°C	2500	2/8	µS/cm	749	
29	Aluminium as Al	200	2/46	µg/L	<20	
20	Nitrate as NO ₃	50	2/37	mg/L	8.2	
21	Nitrite as NO ₂	0.50	2/37	mg/L	<0.02	
30	Ammonium as NH ₄	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	4.1	
19	Nickel as Ni	20	2/46	µg/L	<4.0	
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 ₃		2/30	mg/L	297	
	Total Alkalinity as CaCO ₃		2/30	mg/L	335	
	Chloride as Cl	250	2/30	mg/L	56	
40	Sulphate as SO ₄	250	2/30	mg/L	21	
41 *	Sodium as Na	200	2/38	mg/L	33	
	*Potassium as K		2/39	mg/L	8	
	Free Chlorine as Cl		2/10	mg/L	0.06	06/08/2021

*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.