



Féidhmeannacht na Seirbhíse Sláinte  
Health Service Executive

OFFICIAL PUBLIC ANALYST'S LABORATORY REPORT

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Lab Ref Number: W2547-2021

Date Printed: 04/10/2021

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

#Name of Supply: Kiltiernan GWS Authority Private  
#Sampling Point: Kiltiernan - New Bore Raw  
#Requested by: Michael J Murphy EPA Ref No. 1200PRI1056  
Receipt Number Paid  
#Date & Time Sampled 16/09/2021 14:45:00 Date Received: 16-September-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		None Detected	16/09/2021
33	Colour Pt-Co		2/6	mg/L	3.0	
46	Turbidity		2/7	NTU	<0.2	
35	Hydrogen Ion	6.5 - 9.5	2/9	pH Units	7.1	
34	Conductivity @ 20°C	2500	2/8	µS/cm	585	
29	Aluminium as Al	200	2/46	µg/L	<20	
20	Nitrate as NO <sub>3</sub>	50	2/37	mg/L	10.3	
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	<4.0	
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 <sub>3</sub>		2/30	mg/L	294	
	Total Alkalinity as CaCO <sub>3</sub>		2/30	mg/L	291	
	Chloride as Cl	250	2/30	mg/L	<20	
40	Sulphate as SO <sub>4</sub>	250	2/30	mg/L	<20	
41 *	Sodium as Na	200	2/38	mg/L	12	
	*Potassium as K		2/39	mg/L	2	
	*Ortho-phosphate as P			mg/L	<0.05	

\*Remarks

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



*Gayle Kealy*

Report Status Authorised

Dr. Gayle Kealy  
Executive Analytical Chemist

\*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.

This water sample has been tested for the chemical analysis shown. This laboratory does not perform microbiology analysis.



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