



CERTIFICATE OF ANALYSIS

Client : Michael J. Murphy
Kiltiernan Group Water Scheme
Caheradoo
Kilcolgan
Co. Galway

Report No. : 378998
Date of Receipt : 17/12/2018
Start Date of Analysis : 18/12/2018
Date of Report : 20/12/2018
Order Number :
Sample taken by : Client

Lab No	Sample Description	Test	Ref.	Result	Units
920516	Kiltiernan GWS. Treated Water. 18/12/18	Chlorine, free	R	0.61	mg/l
		Chlorine, total	R	0.72	mg/l
		Clostridium Perfringens in Water	I, R	0	cfu/100ml
		E coli (Filtration) (Environmental Waters)	I, R	0	cfu/100ml
		Total Coliforms (Filtration) (Environmental Waters)	I, R	0	cfu/100ml



Approved by: *Barbara Lee*
Barbara Lee
Environmental Scientist

See below for test specifications and accreditation status.
This report only relates to items tested and shall not be reproduced but in full with the permission of CLS.
0cfu is reported in waters, this refers to 'not detected in volume tested'
It is recommended that water samples requiring microbiological analysis should be tested within 24 hours of sampling.



In-House Test	Specification	17025	GMP/FDA*	ISO**
Chlorine, free	CLS 71	No	No	Yes
Chlorine, total	CLS 71	No	No	Yes
Clostridium Perfringens in Water	CLS 43	Yes	No	Yes
E coli (Filtration) (Environmental Waters)	CLS 16	Yes	No	Yes
Total Coliforms (Filtration) (Environmental Waters)	CLS 16	Yes	No	Yes

*Analysis carried out in a GMP approved, FDA inspected facility (MedPharma site only).

**Laboratory Analysis, Sampling, Food Safety Monitoring and Analysts on Contract are all ISO 9001 certified.

Lab No	Sample ID	Sample Condition on Receipt	Sampling Date
920516	Kiltiernan GWS. Treated Water. 18/12/18	Good condition	17/12/2018