

A copy of this certificate is available on www.fitzsci.ie

Customer supplied information appear in italics.

Customer	Dermot McCague	Lab Report Ref. No.	2224/039/02
	Monaghan Co. Co. GWS	Date of Receipt	17/01/2022
	Glen Road	Sampled On	17/01/2022
		Date Testing Commenced	17/01/2022
	Monaghan, H18 YT50	Received or Collected	By Fitz: Pick up DS
Customer PO		Condition on Receipt	Acceptable
Customer Ref	Shanmullagh Carrickmacross	Date of Report	14/02/2022
Ref 2	E287012/N301541	Sample Type	Drinking Water
Ref 3	Audit/Killanny GWS/2400PRI2018		

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
1,2-Dichloroethane (Potable Water)	154	GCMS	3	<0.8	ug/L	INAB
2,3,6-Trichlorobenzoic Acid (Potable)	543	LC-MS-MS	0.1	<0.017	ug/L	INAB
2,4-D (Potable)	543	LC-MS-MS	0.1	<0.004	ug/L	INAB
2,4-DB (Potable)	543	LC-MS-MS	0.1	<0.01	ug/L	INAB
Ammonium (Potable Water as NH ₄)	114	Colorimetry	0.3	<0.04	mg/L as NH ₄	INAB
Antimony (Potable Water)	177	ICPMS	5	<2	ug/L	INAB
Arsenic (Potable Water)	177	ICPMS	10	<2	ug/L	INAB
Atrazine (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Bentazone (Potable)	543	LC-MS-MS	-	<0.007	ug/L	INAB
Benzene (Potable Water)	154	GCMS	1	<0.3	ug/L	INAB
Benzo (a) Pyrene	0	By Subcontractor	0.01	<0.003	ug/L	Yes
Benzo (b)-Fluoranthene	0	By Subcontractor	-	<0.005	ug/L	Yes
Benzo (g,h,i)-Perylene	0	By Subcontractor	-	<0.005	ug/L	Yes
Benzo (k)-Fluoranthene	0	By Subcontractor	-	<0.005	ug/L	Yes
Boron (Potable Water) mg/L	177	ICPMS	1	<0.020	mg/L	INAB
Boscalid (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Bromate (Potable water)	125	IC	10	<2.4	ug/L	INAB
Bromodichloromethane (Potable Wat	154	GCMS	-	9.9	ug/L	INAB
Bromoform (Potable Water)	154	GCMS	-	<2.6	ug/L	INAB

Signed : 
Aoife Harmon - Laboratory Supervisor

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Date : 14/02/2022

Acc. : Accredited Parameters by ISO/IEC 17025:2017

Limit as per Monaghan Co Co

For bacterial analysis a result of 0 means none detected in volume examined

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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Results contained in this report relate only to the samples tested

(P) : Presumptive Results

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* Subcontracted

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Ref 2	E287012/N301541	Sample Type	Drinking Water
Ref 3	Audit/Killanny GWS/2400PRI2018		

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
Cadmium (Potable Water)	177	ICPMS	5	<1	ug/L	INAB
Chlorfenvinphos (Potable)	540	LC-MS-MS	0.1	<0.007	ug/L	INAB
Chloride (Potable Water)	100	Colorimetry	250	46.6	mg/L	INAB
Chlorine (Free)	0	By Subcontractor	0.1	0.64	mg/L	
Chlorine (Total)	0	By Subcontractor	0.1	0.78	mg/L	
Chloroform (Potable Water)	154	GCMS	-	19.0	ug/L	INAB
Chlorpropham (Acc)	0	By Subcontractor	0.1	<0.005	ug/L	Yes
Chlortoluron (Potable)	540	LC-MS-MS	0.1	<0.007	ug/L	INAB
Chromium (Potable Water)	177	ICPMS	50	<4	ug/L	INAB
Clopyralid (Potable)	543	LC-MS-MS	0.1	<0.007	ug/L	INAB
Clostridia perfringens(Potable)P	161	Anaerobic Incubation	0	0	cfu/100ml	INAB
Copper (Potable Water) mg/L	177	ICPMS	2	0.003	mg/L	INAB
Cyanide	0	By Subcontractor	50	<10	ug/L	Yes
Cypermethrin (Acc)	0	By Subcontractor	0.1	<0.012	ug/L	Yes
Diazinon (Potable)	540	LC-MS-MS	0.1	<0.02	ug/L	INAB
Dibromochloromethane (Potable Wat	154	GCMS	-	6.0	ug/L	INAB
Dicamba (Potable)	543	LC-MS-MS	0.1	<0.003	ug/L	INAB
Dichlobenil (Acc)	0	By Subcontractor	0.1	<0.005	ug/L	Yes
Dichlorprop (Potable)	543	LC-MS-MS	0.1	<0.0036	ug/L	INAB

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Ref 2	E287012/N301541	Sample Type	Drinking Water
Ref 3	Audit/Killanny GWS/2400PRI2018		

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
Dieldrin (Acc)	0	By Subcontractor	0.1	<0.005	ug/L	Yes
Diflufenican (Potable)	540	LC-MS-MS	0.1	<0.01	ug/L	INAB
Diuron (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Enterococci (Potable)C	153	Filtration/Incubation	0	0	cfu/100ml	INAB
Epoxiconazole (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Fluoride (Potable Water)	115	Colorimetry	0.8	<0.08	mg/L	INAB
Fluoroxypyr (Potable)	543	LC-MS-MS	0.1	<0.01	ug/L	INAB
Glyphosate (Acc)	0	By Subcontractor	0.1	<0.005	ug/L	Yes
Indeno(1, 2, 3-c,d)pyrene	0	By Subcontractor	-	<0.005	ug/L	Yes
Isoproturon (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Lead (Potable Water)	177	ICPMS	10	<1	ug/L	INAB
Linuron (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Manganese (Potable)	177	ICPMS	50	<3	ug/L	INAB
MCPA (Potable)	543	LC-MS-MS	0.1	<0.003	ug/L	INAB
Mecoprop (Potable)	543	LC-MS-MS	0.1	<0.0037	ug/L	INAB
Mercury (Potable water)	178	ICPMS	1	<0.15	ug/L	INAB
Metaldehyde (Potable)	557	LC-MS-MS	0.1	<0.015	ug/L	INAB
Metazachlor (Potable)	540	LC-MS-MS	0.1	<0.007	ug/L	INAB
Nickel (Potable Water)	177	ICPMS	20	4	ug/L	INAB

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Test Parameter	SOP	Analytical Technique	Limit	Result	Units	Acc.
Nitrate (Potable Water as NO ₃)	103	Colorimetry	50	18.78	mg/L as NO ₃	INAB
Nitrite (Potable Water as NO ₂)	118	Colorimetry	0.5	<0.099	mg/L as NO ₂	INAB
PAH (sum of 4)	0	By Subcontractor	0.1	<0.020	ug/L	Yes
Pendimethalin (Potable)	540	LC-MS-MS	0.1	<0.007	ug/L	INAB
Pentachlorophenol (Potable)	543	LC-MS-MS	0.1	0.047	ug/L	INAB
Pesticides Total (Potable)	0	Calculation	0.5	0.047	ug/L	
pH (Potable Water)	110	Electrometry	6.5 - 9.5	7.34	pH Units	INAB
Picloram (Potable)	543	LC-MS-MS	0.1	<0.007	ug/L	INAB
Propyzamide (Potable)	540	LC-MS-MS	0.1	<0.007	ug/L	INAB
Selenium (Potable Water)	177	ICPMS	10	<3	ug/L	INAB
Simazine (Potable)	540	LC-MS-MS	0.1	<0.003	ug/L	INAB
Sodium (Potable Water)	184	ICPMS	200	11.5	mg/L	INAB
Sulphate (Potable Water)	119	Colorimetry	250	16	mg/L as SO ₄	INAB
Temperature (On site)	0	By Subcontractor	-	6.4	degree C	
Tetrachloroethene & Trichloroethene	154	GCMS	10	<2.32	ug/L	INAB
THM Total (Potable Water)	154	GCMS	100	34.9	ug/L	INAB
TOC (Potable Water)	316	TOC Analyser	-	2.6	mg/L	INAB
Triclopyr (Potable)	543	LC-MS-MS	0.1	<0.004	ug/L	INAB

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