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<b>Customer PO</b>		<b>Lab Report Ref. No.</b>	<b>3102/2506002/01</b>
<b>Customer Ref</b>	<b>Fox Design</b>	<b>Date of Receipt</b>	<b>09/06/2025</b>
<b>Ref 2</b>		<b>Sampled On</b>	<b>09/06/2025</b>
<b>Ref 3</b>		<b>Date Testing Commenced</b>	<b>09/06/2025</b>
		<b>Received or Collected</b>	<b>By Fitz: Derek</b>
		<b>Condition on Receipt</b>	<b>Acceptable</b>
		<b>Date of Report</b>	<b>30/06/2025</b>
		<b>Sample Type</b>	<b>Drinking Water</b>

## CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	PVL	Result	Units	Acc.
1,2-Dichloroethane (Potable Water)	154	GCMS	3	<0.45	ug/l	INAB
2,3,6-Trichlorobenzoic Acid (Potable)	543	LC-MS-MS	0.1	<0.019	ug/L	INAB
2,4-D (Potable)	543	LC-MS-MS	0.1	<0.0249	ug/L	INAB
2,4-DB (Potable)	543	LC-MS-MS	0.1	<0.019	ug/L	INAB
Antimony (Potable Water)	177	ICPMS	10	<2	ug/L	INAB
Arsenic (Potable Water)	177	ICPMS	10	<2	ug/L	INAB
Atrazine (Potable)	540	LC-MS-MS	0.1	<0.0166	ug/L	INAB
Barium (Potable Water)	177	ICPMS	-	27	ug/L	INAB
Bentazone (Potable)	543	LC-MS-MS	0.1	<0.0178	ug/L	INAB
Benzene (Potable Water)	154	GCMS	1	<0.15	ug/l	INAB
Benzo(a)pyrene (Potable)	575	GCMS	0.01	<0.0027	ug/L	INAB
Benzo(b)fluoranthene (Potable)	575	GCMS	-	<0.0065	ug/L	INAB
Benzo(g,h,i)perylene (Potable)	575	GCMS	-	<0.0068	ug/L	INAB
Benzo(k)fluoranthene (Potable)	575	GCMS	-	<0.0049	ug/L	INAB
Boron (Potable Water) mg/L	177	ICPMS	1.5	0.182	mg/L	INAB
Boscalid (Potable)	540	LC-MS-MS	0.1	<0.013	ug/L	INAB
Bromate (Potable water)	125	IC	10	<2.4	ug/L	INAB
Bromodichloromethane (Potable Water)	154	GCMS	-	<0.5	ug/l	INAB
Bromoform (Potable Water)	154	GCMS	-	<2	ug/l	INAB
Cadmium (Potable Water)	177	ICPMS	5	<1	ug/L	INAB



**Signed:**

*A Harmon*

**Aoife Harmon - Laboratory Supervisor**

**Date: 30/06/2025**

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\* Subcontracted \*

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Chlorfenvinphos (Potable)	540	LC-MS-MS	0.1	<0.0148	ug/L	INAB
Chloroform (Potable Water)	154	GCMS	-	<4.7	ug/l	INAB
Chlorpropham (Potable)	575	GCMS	0.1	<0.007	ug/L	INAB
Chlortoluron (Potable)	540	LC-MS-MS	0.1	<0.0148	ug/L	INAB
Chromium (Potable Water)	177	ICPMS	50	<4	ug/L	INAB
Clopyralid (Potable)	543	LC-MS-MS	0.1	<0.018	ug/L	INAB
Coliforms Faecal (Potable) (P)	140	Filtration / Incubation	-	0	cfu/100ml	
Colour Apparent (Potable Water)	108	Colorimetry	-	<11	PtCo Units	INAB
Conductivity (Potable Water at 20C)	112	Electrometry	2500	584.0	µscm -1@20C	INAB
Copper (Potable Water) mg/L	177	ICPMS	2	<0.003	mg/L	INAB
*Cyanide (Total)*	0	By Subcontractor	50	<1.2	ug/L	Yes
Cypermethrin (Potable)	575	GCMS	0.1	<0.006	ug/L	INAB
Diazinon (Potable)	540	LC-MS-MS	0.1	<0.0131	ug/L	INAB
Dibromochloromethane (Potable Water)	154	GCMS	-	<0.4	ug/l	INAB
Dicamba (Potable)	543	LC-MS-MS	0.1	<0.0215	ug/L	INAB
Dichlobenil (Potable)	575	GCMS	0.1	<0.009	ug/L	INAB
Dichlorprop (Potable)	543	LC-MS-MS	0.1	<0.0141	ug/L	INAB
Dieldrin (Potable)	575	GCMS	0.03	<0.0046	ug/L	INAB
Diflufenican (Potable)	540	LC-MS-MS	0.1	<0.020	ug/L	INAB
Diuron (Potable)	540	LC-MS-MS	0.1	<0.0109	ug/L	INAB



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## CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	PVL	Result	Units	Acc.
E coli (250ml) Potable P	157	Filtration / Incubation	0	0	cfu/250ml	INAB
Enterococci (250ml-Potable) (P)	153	Filtration / Incubation	0	0	cfu/250ml	INAB
*Epichlorohydrin (Acc)*	0	By Subcontractor	0.1	<0.100	ug/L	Yes
Epoxiconazole (Potable)	540	LC-MS-MS	0.1	<0.0180	ug/L	INAB
Fluoride (Potable Water)	115	Colorimetry	1.5	1.17	mg/L	INAB
Fluoroxypyr (Potable)	543	LC-MS-MS	0.1	<0.023	ug/L	INAB
Glyphosate (Potable)	579	LCMS/MS With Derivatisation	0.1	<0.01	ug/L	INAB
Indeno(1,2,3-cd)pyrene (Potable)	575	GCMS	-	<0.0059	ug/L	INAB
Iron (Potable Water)	177	ICPMS	200	<14	ug/L	INAB
Isoproturon (Potable)	540	LC-MS-MS	0.1	<0.0084	ug/L	INAB
Lead (Potable Water)	177	ICPMS	10	<1	ug/L	INAB
Linuron (Potable)	540	LC-MS-MS	0.1	<0.0047	ug/L	INAB
Magnesium (Potable Water)	184	ICPMS	-	29	mg/L	INAB
Manganese (Potable)	177	ICPMS	50	9	ug/L	INAB
MCPA (Potable)	543	LC-MS-MS	0.1	<0.021	ug/L	INAB
Mecoprop (Potable)	543	LC-MS-MS	0.1	<0.025	ug/L	INAB
Mercury (Potable water)	178	ICPMS	1	<0.24	ug/L	INAB
Metaldehyde (Potable)	557	LC-MS-MS	0.1	<0.02	ug/L	INAB
Metazachlor (Potable)	540	LC-MS-MS	0.1	<0.0060	ug/L	INAB
Nickel (Potable Water)	177	ICPMS	20	9	ug/L	INAB



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Test Parameter	SOP	Analytical Technique	PVL	Result	Units	Acc.
Nitrate (Potable Water as NO3)	103	Colorimetry	50	<3.99	mg/L as NO3	INAB
Nitrite (Potable Water as NO2)	118	Colorimetry	0.5	<0.099	mg/L as NO2	INAB
Odour	239	Olfactory Panel	-	No Odour	TON	
PAH (Sum of 4) (Potable)	575	GCMS	0.1	<0.0049	ug/L	INAB
Pendimethalin (Potable)	540	LC-MS-MS	0.1	<0.0155	ug/L	INAB
Pentachlorophenol (Potable)	543	LC-MS-MS	0.1	<0.0157	ug/L	INAB
Pesticides Total (Potable)	0	Calculation	0.5	<0.002	ug/L	
pH (Potable Water)	110	Electrometry	6.5 - 9.5	7.78	pH Units	INAB
Picloram (Potable)	543	LC-MS-MS	0.1	<0.0222	ug/L	INAB
Propyzamide (Potable)	540	LC-MS-MS	0.1	<0.0145	ug/L	INAB
Pseudomonas aeruginosa (250ml) Potable P	446	Filtration / Incubation	-	0	cfu/250ml	INAB
*Radioactivity (Gross Alpha)*	0	By Subcontractor	-	<0.038	Bq/L	Yes
*Radioactivity (Gross Beta)*	0	By Subcontractor	-	0.085	Bq/L	Yes
*Radon*	0	By Subcontractor	-	<5.2	Bq/l	
Selenium (Potable Water)	177	ICPMS	20	<3	ug/L	INAB
Simazine (Potable)	540	LC-MS-MS	0.1	<0.0170	ug/L	INAB
Sodium (Potable Water)	184	ICPMS	200	40.4	mg/L	INAB
Sulphate (Potable Water)	119	Colorimetry	250	43	mg/L as SO4	INAB
*Sulphite reducing clostridia*	0	By Subcontractor	-	<10	cfu/ml	
Taste	238	Taste Panel	-	1	FTN	



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Test Parameter	SOP	Analytical Technique	PVL	Result	Units	Acc.
TBC @ 22°C (Potable)	493	Spread plate / Incubation	-	23	cfu/mL	INAB
TBC @ 37°C (Potable)	493	Spread plate / Incubation	-	3	cfu/mL	INAB
Tetrachloroethene & Trichloroethene (Potable)	154	GCMS	10	<1.9	ug/l	INAB
THM Total (Potable Water)	154	GCMS	100	<0.4	ug/l	INAB
TOC (Potable Water)	316	TOC Analyser	-	<0.86	mg/L	INAB
*Total Indicative dose*	0	By Subcontractor	-	See note		
Triclopyr (Potable)	543	LC-MS-MS	0.1	<0.025	ug/L	INAB
*Tritium*	0	By Subcontractor	-	<5.0	Bq/L	Yes
Turbidity (Potable Water)	109	Turbidimetry	-	<0.1	NTU	INAB
Vinyl chloride (Potable Water)	154	GCMS	0.5	<0.118	ug/l	INAB



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