

Certificate of Analysis



Report Number: **COV/2833940/2025**

Issue **1**

Laboratory Number **25275144**

Sample **2** of **8**

Sample Source: **Gwynedd County Council**

Sample Point Description: **Water Analysis**

Sample Description: **MW/0525/18**

Sample Matrix: **Not Specified**

Sample Date: **15 May 2025**

Sample Received: **15 May 2025**

Analysis Complete: **29 May 2025**

Test Description	Result	Units	Limit	Accreditation		Method
Clostridium Perfringens, Pres	1	cfu/100ml	0	N	Cov	W8
TVC 37C 2 day	6	cfu/ml		N	Cov	W1
TVC 22C 3 day	19	cfu/ml		N	Cov	W1
Total Coliform presumpt	0	cfu/100ml	0	N	Cov	W10
Total Coliforms confirmed	0	cfu/100ml	0	N	Cov	W10
E.coli presumptive	0	cfu/100ml	0	N	Cov	W10
Escherichia coli confirmed	0	cfu/100ml	0	N	Cov	W10
Enterococci presumptive	0	cfu/100ml	0	N	Cov	W7
Enterococci confirmed	0	cfu/100ml	0	N	Cov	W7
Clostridium Perfringens, Conf	0	cfu/100ml	0	N	Cov	W8
Aluminium, Total as Al	75.4	ug/l	200	N	Wak	WPC12/49
Iron, Total as Fe	328	ug/l	200	N	Wak	WPC12/49
Manganese, Total as Mn	1.73	ug/l	50	N	Wak	WPC12/49
Hydrogen ion (pH)	6.62	pH units	6.5 to 9.5	N	Wak	WPC8
Conductivity	74.8	uS/cm	2500	N	Wak	WPC7
Turbidity	0.42	NTU	4.00	N	Wak	WPC6
Colour	37.7	mg/l Pt/Co	20	N	Wak	WPC13
Ammonium ammonia+ammonium ion	<0.010	mg/l	0.5	N	Wak	WPC64
Nitrite as NO2	<0.003	mg/l	0.5	N	Wak	WPC64
Nitrate as NO3 (Calculated)	<2.13	mg/l	50	N	Wak	WPC64
Total Oxidised Nitrogen as NO3	<2.13	mg/l	50	N	Wak	WPC64
Qualitative Odour	0	Text		N	Cov	W56
Qualitative Taste	Analyst Comment	Text		N	Cov	W56

Analyst Comments for 25275144:

{/*}Colour result is confirmed by a repeat result of 37,60
Unable to analyse the sample for Taste due to positive micro results.
Fe result confirmed by repeat of 331ug/l.{*/}

This issue replaces all previous issues

Accreditation Codes: Y = UKAS / ISO17025 Accredited, N = Not UKAS / ISO17025 Accredited, M = MCERTS.

Analysed at: Che = Chester(CH5 3US), Cov = Coventry(CV4 9GU), S = Subcontracted, Trb = Subcontracted to Trowbridge(BA14 0XD), Wak = Wakefield(WF5 9TG), F = Data supplied by customer.
For Microbiological determinands 0 or ND=Not Detected, For Legionella ND=Not Detected in volume of sample filtered.

I/S=Insufficient sample For soil/sludge samples: AR=As received, DW=Dry weight.

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