

CERTIFICATE OF ANALYSIS



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Hydro Environmental Services
Hydro Environmental Services
22 Lower Main Street
Dungarvan, Co. Waterford
Ireland

Certificate Number: CLN034101-1 Split/Merge
Date Reported: 01/05/2025
Date Analysis Started: 20/02/2025

Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN11275	Prod: Rcvd Dt: 19/02/2025 Start Testing: 20/02/2025 Description: P1723-0_Moanmore WF_SW1 11:00 19/02/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	2	mg/L O ₂	
		P202	Suspended Solids	8	mg/L	
		P281	Chloride	39.0	mg/L Cl	
		P285	Total Nitrogen	3.0	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	0.44	mg/L N	
		P281	Ammonia	0.08	mg/L NH ₃ -N	
		P281	Nitrate	<5.0	mg/L NO ₃	
		P281	Nitrite	<0.05	mg/L NO ₂	
		P207	Total Phosphorus	<0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	
CLN11276	Prod: Rcvd Dt: 19/02/2025 Start Testing: 20/02/2025 Description: P1723-0_Moanmore WF_SW2 12:00 19/02/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	5	mg/L O ₂	
		P202	Suspended Solids	6	mg/L	
		P281	Chloride	48.0	mg/L Cl	
		P285	Total Nitrogen	2.2	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	0.47	mg/L N	
		P281	Ammonia	0.02	mg/L NH ₃ -N	
		P281	Nitrate	<5.0	mg/L NO ₃	
		P281	Nitrite	<0.05	mg/L NO ₂	
		P207	Total Phosphorus	<0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	
CLN11277	Prod: Rcvd Dt: 19/02/2025 Start Testing: 20/02/2025 Description: P1723-0_Moanmore WF_SW3 13:00 19/02/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	4	mg/L O ₂	
		P202	Suspended Solids	9	mg/L	
		P281	Chloride	51.8	mg/L Cl	
		P285	Total Nitrogen	2.0	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	1.56	mg/L N	
		P281	Ammonia	0.06	mg/L NH ₃ -N	
		P281	Nitrate	7.1	mg/L NO ₃	
		P281	Nitrite	<0.05	mg/L NO ₂	
		P207	Total Phosphorus	0.10	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	



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Lab Ref.	Sample Details	Method Number	Test	Result	Units	Flag
CLN11278	Prod: Rcvd Dt: 19/02/2025 Start Testing: 20/02/2025 Description: P1723-0_Moanmore WF_SW4 14.0019/02/2025 Spt: Water Sample Type: Surface Waters	P280	BOD 5 day Total	2	mg/L O ₂	
		P202	Suspended Solids	9	mg/L	
		P281	Chloride	52.8	mg/L Cl	
		P285	Total Nitrogen	1.8	mg/L N	
		P281	Total Oxidised Nitrogen (TON)	0.36	mg/L N	
		P281	Ammonia	0.04	mg/L NH ₃ -N	
		P281	Nitrate	<5.0	mg/L NO ₃	
		P281	Nitrite	<0.05	mg/L NO ₂	
		P207	Total Phosphorus	0.14	mg/L P	
		P293	Orthophosphate	<0.02	mg/L P	

Certificate approved and electronically signed on 01/05/25 12:46

By David Kinsella, Environmental Chemistry Manager

For and on Behalf of ALS Life Sciences Ltd

Disclaimers:

This supplementary certificate replaces the previous certificate which must be destroyed

The testing results in this certificate relate only to the samples described above.

Unless otherwise stated, all results are expressed on an as received basis.

Statement of conformity made against the result does not take into account the uncertainty of measurement associated to the method.

Opinions and interpretations expressed herein are outside the scope of INAB accreditation.

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