

Schedule of Accreditation



Organisation Name	Pelagia Feed (Ireland) Ltd
Trading As	Aqualab
INAB Reg No	75T
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Accreditation Standard	ISO 17025 T
Date Initially Awarded	04/07/2002
Scope Classification	Biological and veterinary testing
Scope Classification	Chemical testing
Services available to the public ¹	Yes

¹ Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	Address
1	Head Office	Donegal Road, Killybegs, Donegal, F94 V8CT

Scope of Accreditation

Head Office

Biological and Veterinary Testing

Category: A

Biology/veterinary field - Tests	Test name	Technique	Matrix	Equipment	Std. reference
803 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of bacteria	Detection and Enumeration of E.coli	MPN Technique	Fish, shellfish and molluscs		ISO 16649-3:2015 LAB431
	Detection of Listeria spp. and Listeria monocytogenes	Selective enrichment, plating on chromogenic agar	Cereal and bakery products		AFNOR AES 10/3-09/00 LAB 435
			Confectionary		AFNOR AES 10/3-09/00 LAB 435
			Dairy products		AFNOR AES 10/3-09/00 LAB 435
			Eggs and egg products		AFNOR AES 10/3-09/00 LAB 435
			Fish, shellfish and molluscs		AFNOR AES 10/3-09/00 LAB 435
			Fruit and vegetable		AFNOR AES 10/3-09/00 LAB 435

		Meat and meat products game and poultry		AFNOR AES 10/3-09/00 LAB 435	
		Surfaces		AFNOR AES 10/3-09/00 LAB 435	
Detection of Salmonella spp.		Confectionary		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017	
		Eggs and egg products		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017	
		Fruit and vegetable		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017	
		Selective enrichment, selective plating	Animal feeds		ISO 6579:2017 Lab 401
			Cereal and bakery products		ISO 6579:2017 Lab 401
	Fish, shellfish and molluscs			ISO 6579:2017 Lab 401	
	Detection of Salmonella spp.	Selective enrichment, plating on chromogenic agar	Meat and meat products game and poultry		ISO 6579:2017 Lab 401
			Others - Fishmeals (Stock Feed)		ISO 6579:2017 Lab 401
			Surfaces		ISO 6579:2017 Lab 401
			Animal feeds		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
		Cereal and bakery products		LAB 441 using chromogenic agar	

		with the confirmation based on ISO 6579:2017
Dairy products		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
Environmental waters		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
Fish, shellfish and molluscs		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
Industrial waters (treated, recirculating)		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
Meat and meat products game and poultry		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
Meat surfaces		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
Other materials - Compost, Sludge Pellets, Anaerobic Digestate		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
Others - Fishmeals		LAB 441 using chromogenic agar with the confirmation

				based on ISO 6579:2017
		Potable waters		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
		Prepared dishes		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
		Surfaces		LAB 441 using chromogenic agar with the confirmation based on ISO 6579:2017
	Enumeration of coagulase-positive staphylococci including <i>Staphylococcus aureus</i>	Spread plate	Animal feeds	ISO 6888:1999 Amendment 2:2018 LAB 406
			Cereal and bakery products	ISO 6888:1999 Amendment 2003 LAB 406
			Confectionary	ISO 6888:1999 Amendment 2003 LAB 406
			Dairy products	ISO 6888:1999 Amendment 2003 LAB 406
			Eggs and egg products	ISO 6888:1999 Amendment 2003 LAB 406
			Fish, shellfish and molluscs	ISO 6888:1999 Amendment 2003 LAB 406

		Fruit and vegetable		ISO 6888:1999 Amendment 2003 LAB 406	
		Meat and meat products game and poultry		ISO 6888:1999 Amendment 2003 LAB 406	
		Others - Fishmeals		ISO 6888:1999 Amendment 2003 LAB 406	
		Surfaces		ISO 6888:1999 Amendment 2003 LAB 406	
	Enumeration of Bacillus cereus	Animal feeds		ISO 7932:2004 LAB 424	
		Cereal and bakery products		ISO 7932:2004 LAB 424	
		Confectionary		ISO 7932:2004 LAB 424	
		Dairy products		ISO 7932:2004 LAB 424	
		Eggs and egg products		ISO 7932:2004 LAB 424	
		Fish, shellfish and molluscs		ISO 7932:2004 LAB 424	
		Fruit and vegetable		ISO 7932:2004 LAB 424	
		Meat and meat products game and poultry		ISO 7932:2004 LAB 424	
		Others - Fishmeals		ISO 7932:2004 LAB 424	
		Enumeration of Clostridium perfringens	Pour plate	Animal feeds	ISO 7937:2004 LAB 410
				Cereal and bakery products	ISO 7937:2004 LAB 410
	Confectionary			ISO 7937:2004 LAB 410	

		Dairy products		ISO 7937:2004 LAB 410
		Eggs and egg products		ISO 7937:2004 LAB 410
		Fish, shellfish and molluscs		ISO 7937:2004 LAB 410
		Fruit and vegetable		ISO 7937:2004 LAB 410
		Meat and meat products game and poultry		ISO 7937:2004 LAB 410
		Others - Fishmeals		ISO 7937:2004 LAB 410
Enumeration of Clostridium perfringens (including spores)	Membrane filtration	Industrial waters (treated, recirculating)		The Microbiology of Drinking Water Part 6:2015 LAB434
		Potable waters		The Microbiology of Drinking Water Part 6:2015 LAB434
Enumeration of coliforms by colony count technique	Pour plate	Animal feeds		ISO 4832:2006 LAB 413
		Cereal and bakery products		ISO 4832:2006 LAB 413
		Confectionary		ISO 4832:2006 LAB 413
		Eggs and egg products		ISO 4832:2006 LAB 413
		Fish, shellfish and molluscs		ISO 4832:2006 LAB 413
		Fruit and vegetable		ISO 4832:2006 LAB 413
		Meat and meat products game and poultry		ISO 4832:2006 LAB 413
		Others - Fishmeals		ISO 4832:2006 LAB 413

		Surfaces		ISO 4832:2006 LAB 413
Enumeration of E.coli and presumptive Faecal coliforms	Membrane filtration	Industrial waters (treated, recirculating) Environmental waters (seawater)		ISO 9308-1:2014 LAB 423
		Potable waters		ISO 9308-1:2014 LAB 423
Enumeration of Enterobacteriaceae	Pour plate	Animal feeds		ISO 21528-2: 2017 LAB 411
		Cereal and bakery products		ISO 21528-2: 2017 LAB 411
		Confectionary		ISO 21528-2: 2017 LAB 411
		Dairy products		ISO 21528-2: 2017 LAB 411
		Eggs and egg products		ISO 21528-2: 2017 LAB 411
		Fish, shellfish and molluscs		ISO 21528-2: 2017 LAB 411
		Fruit and vegetable		ISO 21528-2: 2017 LAB 411
		Meat and meat products game and poultry		ISO 21528-2: 2017 LAB 411
		Others - Fishmeals		ISO 21528-2: 2017 LAB 411
		Surfaces		ISO 21528-2: 2017 LAB 411
Enumeration of Enterococci	Membrane filtration	Industrial waters (treated, recirculating) Environmental waters (seawater)		ISO 7899-2:2000 and the Microbiology of Drinking water, part 5:2012 LAB412
		Potable waters		ISO 7899-2:2000 and the Microbiology of Drinking water, part 5:2012 LAB412

Enumeration of enterococci	Spread Plate	Foods - Fish, Shellfish and molluscs		In house method (LAB415)
Enumeration of <i>Listeria monocytogenes</i>	Spread plate on chromogenic medium	Cereal and bakery products		ISO 11290-2:2017 LAB 436
		Confectionary		ISO 11290-2:2017 LAB 436
		Dairy products		ISO 11290-2:2017 LAB 436
		Eggs and egg products		ISO 11290-2:2017 LAB 436
		Fish, shellfish and molluscs		ISO 11290-2:2017 LAB 436
		Fruit and vegetable		ISO 11290-2:2017 LAB 436
		Meat and meat products game and poultry		ISO 11290-2:2017 LAB 436
		Surfaces		ISO 11290-2:2017 LAB 436
Enumeration of presumptive <i>Pseudomonas</i> spp	Spread plate	Animal feeds		ISO 13720:2010 LAB 419
		Cereal and bakery products		ISO 13720:2010 LAB 419
		Confectionary		ISO 13720:2010 LAB 419
		Dairy products		ISO 13720:2010 LAB 419
		Eggs and egg products		ISO 13720:2010 LAB 419
		Fish, shellfish and molluscs		ISO 13720:2010 LAB 419
		Fruit and vegetable		ISO 13720:2010 LAB 419

		Meat and meat products game and poultry		ISO 13720:2010 LAB 419
		Others - Fishmeals		ISO 13720:2010 LAB 419
Enumeration of β -glucuronidase-positive E. Coli	Pour plate on chromogenic medium	Fish, shellfish and molluscs		LAB 433 based on ISO 16649-2:2001
		Fruit and vegetable		LAB 433 based on ISO 16649-2:2001
		Meat and meat products game and poultry		LAB 433 based on ISO 16649-2:2001
		Other materials - Compost, Sludge Pellets, Anaerobic Digestate, Seaweed, Brine		LAB 433 based on ISO 16649-2:2001
		Others - Fishmeals		LAB 433 based on ISO 16649-2:2001
		Prepared dishes		LAB 433 based on ISO 16649-2:2001
		Surfaces		LAB 433 based on ISO 16649-2:2001
		Enumeration of total coliforms	Membrane filtration	Industrial waters (treated, recirculating) Environmental waters (seawater)
Potable waters				ISO 9308-1:2014 LAB422
Enumeration of total viable count at 22°C and 37 °C	Pour plate	Industrial waters (treated, recirculating)		Microbiology of Drinking water, part 7:2012 LAB427
		Potable waters		Microbiology of Drinking water, part 7:2012 LAB427
Enumeration of total viable count to 30°C		Animal feeds		ISO 4833-1:2013 LAB 403

		Cereal and bakery products		ISO 4833-1:2013 LAB 403
		Confectionary		ISO 4833-1:2013 LAB 403
		Dairy products		ISO 4833-1:2013 LAB 403
		Eggs and egg products		ISO 4833-1:2013 LAB 403
		Fish, shellfish and molluscs		ISO 4833-1:2013 LAB 403
		Fruit and vegetable		ISO 4833-1:2013 LAB 403
		Meat and meat products game and poultry		ISO 4833-1:2013 LAB 403
		Others - Fishmeals		ISO 4833-1:2013 LAB 403
		Surfaces		ISO 4833-1:2013 LAB 403
	Spread plate	Cereal and bakery products		ISO 21527-1:2008 LAB 420
Enumeration of yeasts & moulds - Aw <0.95		Prepared dishes Fats and Oils		ISO 21527-1:2008 LAB 420
Enumeration of yeasts & moulds - Aw >0.95		Cereal and bakery products		ISO 21527-1:2008 LAB 420
		Dairy products		ISO 21527-1:2008 LAB 420
		Fish, shellfish and molluscs		ISO 21527-1:2008 LAB 420
		Foodstuffs intended for special nutritional uses		ISO 21527-1:2008 LAB 420
		Meat and meat products game and poultry		ISO 21527-1:2008 LAB 420

			Other materials - Seaweed		ISO 21527-1:2008 LAB 420
			Prepared dishes		ISO 21527-1:2008 LAB 420
			Surfaces		ISO 21527-1:2008 LAB 420

Head Office

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
751 Food testing - .02 Nutritional analysis	Ash	Ash	0.1 - 35%	Fish, Shellfish, Mollusc	Furnace/Combustion	CH104 based on ISO 5984:2002
			0.1 - 35%	Fishmeal, Hydrolysate, Seaweed Meal	Furnace/Combustion	CH104 based on ISO 5984:2002
			0.1 - 35%	Meat, Meat products	Furnace/Combustion	CH104 based on ISO 5984:2002
	Fat/Oil content	Fat/Oil content	0.1 - 30%	Fish by-products, Fishmeal, Hydrolysate, Seaweed Meal	ASE/Direct solvent extraction	CH106 using Dionex ASE-200
			0.1 - 30%	Fish, Shellfish, Mollusc	ASE/Direct solvent extraction	CH106 using Dionex ASE-200
			0.1 - 30%	Meat, Meat products	ASE/Direct solvent extraction	CH106 using Dionex ASE-200
	Moisture	Moisture	0.3 - 100%	Fish, Shellfish, Mollusc	Oven/Oven drying	CH101 based on ISO 1442:1997 and ISO 6496:1999
			0.3 - 100%	Fishmeal, Hydrolysate, Seaweed Meal	Oven/Oven drying	CH101 based on ISO 1442:1997 and ISO 6496:1999
			0.3 - 100%	Meat, Meat products	Oven/Oven drying	CH101 based on ISO 1442:1997 and ISO 6496:1999
	Moisture:Protein ratio	Moisture:Protein ratio		Fish, Shellfish, Mollusc	Calculation	CH103
	Nitrogen	Nitrogen	0.1 - 14 % as Nitrogen &	Fish, Shellfish, Mollusc	Digester Distillation unit, Manual Titration/Kjeldahl	CH102 based on ISO 5983:2005

			calculation of Crude Protein			
			0.1 - 14 % as Nitrogen & calculation of Crude Protein	Fishmeal, Hydrolysate, Seaweed Meal	Digester Distillation unit, Manual Titration/Kjeldahl	CH102 based on ISO 5983:2005
			0.1 - 14 % as Nitrogen & calculation of Crude Protein	Meat, Meat products	Digester Distillation unit, Manual Titration/Kjeldahl	CH102 based on ISO 5983:2005
			4.7% to 12.6% nitrogen and 30% to 80% calculation of crude protein	Fishmeal	Leco	CH105 based on 16634-1:2008 - DUMAS method
751 Food testing - .06 Allergens	Cadaverine	Cadaverine	4.0 - 3000 mg/kg	Fishmeal	HPLC/ Liquid chromatography	LAB 400 based on publication from Torry Research, Aberdeen
	Histamine	Histamine	2.5 - 200 mg/kg	Fish, Shellfish, Mollusc	HPLC/ Liquid chromatography	LAB 400 based on publication from Torry Research, Aberdeen
			2.5 - 200 mg/kg	Fish, Shellfish, Mollusc	Test Kit/ELISA	LAB 428 based on AOAC 977.13 standard method
			8.6 - 3000 mg/kg	Fishmeal	HPLC/ Liquid chromatography	LAB 400 based on publication from Torry Research, Aberdeen
	Putrescine	Putrescine	3.0 - 3000 mg/kg	Fishmeal	HPLC/ Liquid chromatography	LAB 400 based on publication from Torry Research, Aberdeen
	Tyramine	Tyramine	3.2 - 3000 mg/kg	Fishmeal	HPLC/ Liquid chromatography	LAB 400 based on publication from Torry

						Research, Aberdeen
766 Environmental testing (inc waters) - .02 Biochemical oxygen demand	BOD	BOD	1 - 20000 mg/l	Saline waters	Oxygen meter/Direct and dilution	E101 based on APHA ED.23, 2017 5210B
			1 - 20000 mg/l	Sewage Water	Oxygen meter/Direct and dilution	E101 based on APHA ED.23, 2017 5210B
			1 - 20000 mg/l	Trade Waste	Oxygen meter/Direct and dilution	E101 based on APHA ED.23, 2017 5210B
766 Environmental testing (inc waters) - .03 Chemical oxygen demand	COD	COD	16 - 20000 mg/l	Saline waters	Digester manual titration/Closed reflux titrimetric	E102 based on APHA ED.23, 2017 5220C
			16 - 20000 mg/l	Sewage Water	Digester manual titration/Closed reflux titrimetric	E102 based on APHA ED.23, 2017 5220C
			16 - 20000 mg/l	Trade Waste	Digester manual titration/Closed reflux titrimetric	E102 based on APHA ED.23, 2017 5220C
766 Environmental testing (inc waters) - .05 Inorganic	Ammonia (as NH ₃ -N)	Ammonia	0.01 - 250 mg/l	Potable Water	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3
			0.01 - 250 mg/l	Saline waters	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3
			0.01 - 250 mg/l	Sewage Water	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3
			0.01 - 250 mg/l	Surface/Ground/River/Lake waters	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3
			0.01 - 250 mg/l	Trade Waste	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3
	Ammonia (as NH ₄)		0.013 - 323 mg/l	Potable Water	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3
			0.013 - 323 mg/l	Saline waters	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3
			0.013 - 323 mg/l	Sewage Water	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3

		0.013 - 323 mg/l	Surface/Ground/River/Lake waters	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3
		0.013 - 323 mg/l	Trade Waste	Spectrophotometer/Phenate method	APHA EP.23, 2017 4500-NH3
Dissolved Inorganic Nitrogen (DIN)	Dissolved Inorganic Nitrogen (DIN)	0.12 - 50 mg/l	Potable Water	Calculation	E138
		0.12 - 50 mg/l	Saline waters	Calculation	E138
		0.12 - 50 mg/l	Sewage Water	Calculation	E138
		0.12 - 50 mg/l	Surface/Ground/River/Lake waters	Calculation	E138
		0.12 - 50 mg/l	Trade Waste	Calculation	E138
Nitrate (as NO ₃)	Nitrate	0.44 - 221 mg/l	Potable Water	Spectrophotometer/Cadmium reduction method	E108 based on APHA ED.23, 2017 4500-NO3 E
		0.44 - 221 mg/l	Saline waters	Spectrophotometer/Cadmium reduction method	E108 based on APHA ED.23, 2017 4500-NO3 E
		0.44 - 221 mg/l	Sewage Water	Spectrophotometer/Cadmium reduction method	E108 based on APHA ED.23, 2017 4500-NO3 E
		0.44 - 221 mg/l	Surface/Ground/River/Lake waters	Spectrophotometer/Cadmium reduction method	E108 based on APHA ED.23, 2017 4500-NO3 E
		0.44 - 221 mg/l	Trade Waste	Spectrophotometer/Cadmium reduction method	E108 based on APHA ED.23, 2017 4500-NO3 E
Nitrate (as NO ₃ - N)		0.1 - 50 mg/l	Potable Water	Spectrophotometer/Cadmium reduction method	E108 based on APHA ED.23, 2017 4500-NO3 E
		0.1 - 50 mg/l	Saline waters	Spectrophotometer/Cadmium reduction method	E108 based on APHA ED.23,

						2017 4500-NO3 E
		0.1 - 50 mg/l	Sewage Water	Spectrophotometer/Cadmium reduction method		E108 based on APHA ED.23, 2017 4500-NO3 E
		0.1 - 50 mg/l	Surface/Ground/River/Lake waters	Spectrophotometer/Cadmium reduction method		E108 based on APHA ED.23, 2017 4500-NO3 E
		0.1 - 50 mg/l	Trade Waste	Spectrophotometer/Cadmium reduction method		E108 based on APHA ED.23, 2017 4500-NO3 E
Nitrite (as NO ₂)	Nitrite	0.03 - 11.5 mg/l	Potable Water	Spectrophotometer/Colorimetric		E107 based on APHA ED.22, 2012 4500-NO2 B
		0.03 - 11.5 mg/l	Saline waters	Spectrophotometer/Colorimetric		E107 based on APHA ED.23, 2017 4500-NO2 B
		0.03 - 11.5 mg/l	Sewage Water	Spectrophotometer/Colorimetric		E107 based on APHA ED.23, 2017 4500-NO2 B
		0.03 - 11.5 mg/l	Surface/Ground/River/Lake waters	Spectrophotometer/Colorimetric		E107 based on APHA ED.23, 2017 4500-NO2 B
		0.03 - 11.5 mg/l	Trade Waste	Spectrophotometer/Colorimetric		E107 based on APHA ED.23, 2017 4500-NO2 B
Nitrite (as NO ₂ - N)		0.01 - 3.5 mg/l	Potable Water	Spectrophotometer/Colorimetric		E107 based on APHA ED.23, 2017 4500-NO2 B
		0.01 - 3.5 mg/l	Saline waters	Spectrophotometer/Colorimetric		E107 based on APHA ED.23,

						2017 4500-NO2 B
			0.01 - 3.5 mg/l	Sewage Water	Spectrophotometer/Colorimetric	E107 based on APHA ED.23, 2017 4500-NO2 B
			0.01 - 3.5 mg/l	Surface/Ground/River/Lake waters	Spectrophotometer/Colorimetric	E107 based on APHA ED.23, 2017 4500-NO2 B
			0.01 - 3.5 mg/l	Trade Waste	Spectrophotometer/Colorimetric	E107 based on APHA ED.23, 2017 4500-NO2 B
	Orthophosphate (as PO ₄ -P)	Orthophosphate	0.01 - 6 mg/l	Surface/Ground/River/Lake waters	Spectrophotometer/Colorimetric	E109 based on APHA 4500-P E
		Orthophosphate	0.01 - 6 mg/l	Saline waters	Spectrophotometer/Colorimetric	E109 based on APHA 4500-P E
			0.01 - 6 mg/l	Trade Waste	Spectrophotometer/Colorimetric	E109 based on APHA 4500-P E
	Total Oxidised Nitrogen (TON)	Total Oxidised Nitrogen (TON)	0.12 - 50 mg/l	Potable Water	Calculation	E137
			0.12 - 50 mg/l	Saline waters	Calculation	E137
			0.12 - 50 mg/l	Sewage Water	Calculation	E137
			0.12 - 50 mg/l	Surface/Ground/River/Lake waters	Calculation	E137
			0.12 - 50 mg/l	Trade Waste	Calculation	E137
767 Physical test/measurement - .01 pH	pH	pH	4.0 - 10.0	Saline waters	Meter/Electrode	E105 based on APHA ED.23, 2017 4500-H+B
			4.0 - 10.0	Sewage Water	Meter/Electrode	E105 based on APHA ED.23, 2017 4500-H+B
			4.0 - 10.0	Trade Waste	Meter/Electrode	E105 based on APHA ED.23, 2017 4500-H+B

767 Physical test/measurement - .03 Suspended Solids	Suspended Solids	Suspended Solids	5 - 10000 mg/l	Saline waters	Vacuum pump/Filtration	E103 based on APHA ED.23, 2017 2540D
			5 - 10000 mg/l	Sewage Water	Vacuum pump/Filtration	E103 based on APHA ED.23, 2017 2540D
			5 - 10000 mg/l	Trade Waste	Vacuum pump/Filtration	E103 based on APHA ED.23, 2017 2540D