

### Certificate of Analysis

#### Laboratory Reference: 251212-132

Attention: [REDACTED]  
 Client: **EUROFINS ELS LIMITED**  
 Address: **PO Box 36105, Lower Hutt, 5045**

Final Report: **613853-0**  
 Report Issue Date: **17-Dec-2025**  
 Received Date: **12-Dec-2025**

Client Reference: [REDACTED]  
 Purchase Order: [REDACTED]

Laboratory Activity Dates: **16-Dec-2025** - **17-Dec-2025**  
 Quote Reference : [REDACTED]

#### Sample Details

Lab Sample ID:	251212-132-1	251212-132-2	251212-132-3
Client Sample ID:	[REDACTED]	[REDACTED]	[REDACTED]
Sample Date/Time	08/12/2025 13:15	08/12/2025 13:38	08/12/2025 13:00
Description:	Surface water, raw water	Surface water, raw water	Surface water, raw water

#### Microbiology

##### Quantification of MST marker by ddPCR

	copies/100mL	<1800	<1800	<1800
Avian GFD	copies/100mL	<1800	<1800	<1800
Avian Gull4	copies/100mL	2300	<1800	4300
Canine DG72	copies/100mL	<1800	2000	2100
General GenBac3	copies/100mL	87000 *	2700000 *	300000 *
Human HF183	copies/100mL	<1800	330000	5300
Human HumM2	copies/100mL	<1800	23000	<1800
Ruminant BacR	copies/100mL	10000	22000	43000

Results marked with \* are not accredited to International Accreditation New Zealand. A dash indicates no test performed.

Where samples have been supplied by the client, they are tested as received.

The results of analysis contained in this report relate only to the sample(s) tested. Where sample collection was performed by the laboratory, the results of analysis contained in this report relate only to the sample(s) collected.

#### Reference Methods

The sample(s) referred to in this report were analysed by the following method(s)

Analyte	Method Reference	MDL	Samples	Location
<b>Microbiology</b>				
<b>Quantification of MST marker by ddPCR</b>				
Avian GFD	In-house method (MM38)	90 copies/100mL	All	Auckland
Avian Gull4	In-house method (MM38)	90 copies/100mL	All	Auckland
Canine DG72	In-house method (MM38)	90 copies/100mL	All	Auckland
General GenBac3	In-house method (MM38)	90 copies/100mL	All	Auckland
Human HF183	In-house method (MM38)	90 copies/100mL	All	Auckland
Human HumM2	In-house method (MM38)	90 copies/100mL	All	Auckland
Ruminant BacR	In-house method (MM38)	90 copies/100mL	All	Auckland

The method detection limit (MDL) listed is the limit attainable in a relatively clean matrix. If dilutions are required for analysis the detection limit may be higher. For more information please contact the Compliance and Projects Manager.

Samples, with suitable preservation and stability of analytes, will be held by the laboratory for a period of two weeks after results have been reported, unless otherwise advised by the submitter.

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