

## Toxicology Laboratory Analysis Report

54 Gerald Street  
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Report No: T8294

**CLIENT:** 9(2)(g)(ii) Department of Conservation, PO Box 743, Invercargill 9840  
**CLIENT REFERENCE No.:** 4500028930 **Telephone No:** 9(2)(g)(ii)  
**SAMPLES:** Eleven marine samples  
**REQUIREMENT:** Examine for brodifacoum  
**RECEIVED:** 05 October 2023

Sample/s were received for analysis. The details were entered into the laboratory sample system and the sample/s given a reference number. The sample details and results are as follows:

**No. samples:** 11

LabNo.	Description	Brodifacoum, ng/g
26394	Flesh sample, Crayfish Island Blue cod	<MDL
26395	Shellfish, Crayfish Island Mussels	<MDL
26396	Flesh sample, Groper Island Blue cod	<MDL
26397	Shellfish, Groper Island Mussels	<MDL
26398	Liver tissue, Ulva Island Blue cod liver	1.39
26399	Flesh sample, Ulva Island Blue cod	<MDL
26400	Shellfish, Ulva Island Kina	<MDL
26401	Shellfish, Ulva Island Limpets	<MDL
26402	Shellfish, Ulva Island Mussels	<MDL
26403	Foot tissue, Ulva Island Paua	<MDL
26404	Flesh sample, Ulva Island Trumpeter	<MDL

The determination was carried out using TLM098, the determination of brodifacoum in animal tissue by LCMS. The method limit of detection is 1ng/g and the uncertainty (95% C.I.) is 15% for liver and 24% for muscle.

**TESTED BY:** 9(2) **WORKBOOK REF:** 30/3  
**TEST PERIOD:** 17-18/10/23

**AUTHORISED BY:**

9(2)(g)(ii)

Date: 25/10/2023



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## Toxicology Laboratory Analysis Report

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Report No: T8351

**CLIENT:** 9(2)(g)(ii), Department of Conservation, PO Box 743, Invercargill 9840  
**CLIENT REFERENCE No.:** 4500033069 **Telephone No:** 9(2)(g)(ii)  
**SAMPLES:** Eleven marine samples  
**REQUIREMENT:** Examine for brodifacoum  
**RECEIVED:** 01 December 2023

Sample/s were received for analysis. The details were entered into the laboratory sample system and the sample/s given a reference number. The sample details and results are as follows:

**No. samples:** 11

LabNo.	Description	Brodifacoum, ng/g
26570	Flesh sample, Crayfish Island Blue Cod	<MDL
26571	Shellfish, Crayfish Island mussels	<MDL
26572	Flesh sample, Groper Island Blue Cod	<MDL
26573	Shellfish, Groper Island mussels	<MDL
26574	Liver tissue, Ulva Island Blue Cod	<MDL
26575	Flesh sample, Ulva Island Blue Cod	<MDL
26576	Shellfish, Ulva Island Kina	<MDL
26577	Shellfish, Ulva Island limpets	<MDL
26578	Shellfish, Ulva Island mussels	<MDL
26579	Foot tissue, Ulva Island Paua	<MDL
26580	Flesh sample, Ulva Island Trumpeter	<MDL

The determination was carried out using TLM098, the determination of brodifacoum in animal tissue by LCMS. The method limit of detection is 1ng/g and the uncertainty (95% C.I.) is 15% for liver and 24% for muscle.

**TESTED BY:** 9(2) **WORKBOOK REF:** 31/7  
**TEST PERIOD:** 6-7/12/23

**AUTHORISED BY:**

9(2)(g)(ii)

Date: 8/12/2023



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## Toxicology Laboratory Analysis Report

54 Gerald Street  
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Report No: T8375

**CLIENT:** 9(2)(g)(ii) Department of Conservation, PO Box 743, Invercargill 9840  
**CLIENT REFERENCE No.:** 4500033069 **Telephone No:** 9(2)(g)(ii)  
**SAMPLES:** Six marine samples  
**REQUIREMENT:** Examine for brodifacoum  
**RECEIVED:** 24 January 2024

Sample/s were received for analysis. The details were entered into the laboratory sample system and the sample/s given a reference number. The sample details and results are as follows:

**No. samples:** 6

LabNo.	Description	Brodifacoum, ng/g
26624	Liver tissue, Ulva Island Blue cod	4.32
26625	Flesh sample, Ulva Island Blue cod	<MDL
26626	Shellfish, Ulva Island Kina	<MDL
26627	Shellfish, Ulva Island Limpet	<MDL
26628	Shellfish, Ulva Island Mussel	<MDL
26629	Foot tissue, Ulva Island Paua	<MDL

The determination was carried out using TLM098, the determination of brodifacoum in animal tissue by LCMS. The method limit of detection is 1ng/g and the uncertainty (95% C.I.) is 15% for liver and 24% for muscle.

**TESTED BY:** 9(2) **WORKBOOK REF:** 31/14 and 31/16  
**TEST PERIOD:** 26/1-7/2/24

**AUTHORISED BY:**

9(2)(g)(ii)

Date: 7/02/2024



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## Toxicology Laboratory Analysis Report

54 Gerald Street  
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Report No: T8431

**CLIENT:** 9(2)(g)(ii) Department of Conservation, PO Box 743, Invercargill 9840  
**CLIENT REFERENCE No.:** 4500044009 **Telephone No:** 9(2)(g)(ii)  
**SAMPLES:** Three marine samples  
**REQUIREMENT:** Examine for brodifacoum  
**RECEIVED:** 10 May 2024

Sample/s were received for analysis. The details were entered into the laboratory sample system and the sample/s given a reference number. The sample details and results are as follows:

**No. samples:** 3

LabNo.	Description	Brodifacoum, ng/g
26816	Shellfish, Ulva Island Mussels	<MDL
26819	Flesh sample, Ulva Island Blue cod flesh	<MDL
26820	Liver tissue, Ulva Island Blue cod liver	6.48

The determination was carried out using TLM098, the determination of brodifacoum in animal tissue by LCMS. The method limit of detection is 1ng/g and the uncertainty (95% C.I.) is 15% for liver and 24% for muscle.

**TESTED BY:** 9(2) **WORKBOOK REF:** 32/17  
**TEST PERIOD:** 14-15/5/24

**AUTHORISED BY:**

9(2)(g)(ii)

Date: 17/05/2024



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## Toxicology Laboratory Analysis Report

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Report No: T8568

**CLIENT:** 9(2)(g)(ii) Department of Conservation, PO Box 743, Invercargill 9840  
**CLIENT REFERENCE No.:** 4500055893 **Telephone No:** 9(2)(g)(ii)  
**SAMPLES:** Three marine samples  
**REQUIREMENT:** Examine for brodifacoum  
**RECEIVED:** 20 September 2024

Sample/s were received for analysis. The details were entered into the laboratory sample system and the sample/s given a reference number. The sample details and results are as follows:

**No. samples:** 3

LabNo.	Description	Brodifacoum, ng/g
27867-	Flesh sample, Ulva Island Blue cod flesh	<MDL
27867-	Liver tissue, Ulva Island Blue cod liver	7.30
27982	Shellfish, Ulva Island mussels	<MDL

The determination was carried out using TLM098, the determination of brodifacoum in animal tissue by LCMS. The method limit of detection is 1ng/g and the uncertainty (95% C.I.) is 15% for liver and 24% for muscle.

**TESTED BY:** 9(2) **WORKBOOK REF:** 35/16 and 35/19  
**TEST PERIOD:** 3-17/10/24

**AUTHORISED BY:**

9(2)(g)(ii)

Date: 18/10/2024



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