

**Certificate of Analysis: Final**

Cawthron Contract Number: 60026

**Project Number: C05430**
**Timaru District Council**  
**PO Box 522**  
**TIMARU**
**Attention:** John Clemens

**Customer Order No:** 38317  
**Email Recipients:** John Clemens

**Sample Details**
**Laboratory ID:** C05430-1      **Sample Type:** Water      **Date Sampled:** 20/12/2021 11:45  
**Description:** Timaru Treated      **Date Received:** 21/12/2021 08:50

Analysis	Result	Units	Method
Microcystin LR	<0.030	µg/L	In-house by LCMS
Microcystin RR	<0.015	µg/L	In-house by LCMS
Microcystin YR	<0.030	µg/L	In-house by LCMS
Nodularin	<0.015	µg/L	In-house by LCMS
Other Microcystins	Absent	-	In-house by LCMS
Anatoxin-a	<0.20	µg/L	In-house by LCMS
Cylindrospermopsin	<0.20	µg/L	In-house by LCMS
Deoxycylindrospermopsin	<0.20	µg/L	In-house by LCMS
Homo-Anatoxin-a	<0.20	µg/L	In-house by LCMS

**Sample Details**
**Laboratory ID:** C05430-2      **Sample Type:** Water      **Date Sampled:** 20/12/2021 11:45  
**Description:** Timaru Raw      **Date Received:** 21/12/2021 08:50

Analysis	Result	Units	Method
Microcystin LR	<0.030	µg/L	In-house by LCMS
Microcystin RR	<0.015	µg/L	In-house by LCMS
Microcystin YR	<0.030	µg/L	In-house by LCMS
Nodularin	<0.015	µg/L	In-house by LCMS
Other Microcystins	Absent	-	In-house by LCMS
Anatoxin-a	<0.20	µg/L	In-house by LCMS
Cylindrospermopsin	<0.20	µg/L	In-house by LCMS
Deoxycylindrospermopsin	<0.20	µg/L	In-house by LCMS
Homo-Anatoxin-a	<0.20	µg/L	In-house by LCMS

Results apply to samples as received unless otherwise specified.



Test results indicated as not accredited are outside the scope of the laboratory's accreditation

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**Report Number:** 919354  
**Project Number:** C05430


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Our routine detection limits for chemical testing relate to samples with a clean matrix.  
Reported detection limits may be higher for individual samples if there is insufficient sample or the matrix is complex.  
< means less than, > means greater than

**Date Generated:** 24/12/21

**Authorised by:** Emillie Burger

**Position:** Senior Technician, Natural Toxins Laboratory

**Signature:**



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