

Cawthron Analytical Science
Ensuring Integrity Through Analytical Excellence.

Certificate of Analysis: Final Cawthron Contract Number: 60026

Project Number: C05633

Timaru District Council

PO Box 522 TIMARU

Attention: John Clemens

Email Recipients: John Clemens

Sample Details

 Laboratory ID:
 C05633-1
 Sample Type:
 Water
 Date Sampled:
 22/12/2021
 17:00

 Description:
 Opini Gallery
 Date Received:
 23/12/2021
 10:30

Customer ID: Opihi

| 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 | Customer iD: | Орин | | | |
|--|--------------------|------|--------|-------|------------------|
| Microcystin RR <0.015 $\mu g/L$ In-house by LCMS Microcystin YR <0.030 $\mu g/L$ In-house by LCMS Nodularin <0.015 $\mu g/L$ In-house by LCMS | Analysis | | Result | Units | Method |
| Microcystin YR < 0.030 $\mu g/L$ In-house by LCMS Nodularin < 0.015 $\mu g/L$ In-house by LCMS | Microcystin LR | | <0.030 | μg/L | In-house by LCMS |
| Nodularin <0.015 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 |
| Other Microcystins Absent - In-house by LCMS | Nodularin | | <0.015 | μg/L | In-house by LCMS |
| · | Other Microcystins | | Absent | - | In-house by LCMS |

Results apply to samples as received unless otherwise specified.

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: 31/12/21

Authorised by: Emillie Burger

Position: Senior Technician, Natural Toxins Laboratory

Signature:



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

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Report Number: 920047 Project Number: C05633



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