



Corporate Accreditation No 63  
Accredited for compliance with ISO/IEC 17025 - Testing



## Analytical Report 292001

Issue Date: 04/10/2023  
Issued By : Sydney Water Laboratory Services

Delivery Address: Sydney Water Corporation

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Attention: [Redacted]

Customer: Department of Planning and Environment

Customer ID: ZOEH\_1

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Email: [Redacted]

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### Sydney Water Approved Signatory

[Redacted] Phycology Analyst	[Redacted] Phycology Analyst	[Redacted] Phycology Analyst
[Redacted] Organics Analyst		

Where a result is required to meet a compliance limit or specification the associated uncertainty must be considered. Uncertainty estimates are available for all accredited test results.

**SAMPLE SUMMARY**

<u>Client Sample ID</u>	<u>Sample Number</u>	<u>Sampling Procedure</u>	<u>Date Sampled</u>	<u>Date Received</u>	<u>Date Authorised</u>	<u>Description</u>
238532	L23075525	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-B1 (WATER SAMPLE)
238533	L23075526	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-B1 (WATER SAMPLE)
238534	L23075527	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-B2 (WATER SAMPLE)
238535	L23075528	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-B2 (WATER SAMPLE)
238536	L23075529	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-B3 (WATER SAMPLE)
238537	L23075530	1	13/09/2023	18/09/2023	01/10/2023	MFK-Z-B3 (WATER SAMPLE)
238538	L23075531	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-E1 (WATER SAMPLE)
238539	L23075532	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-E1 (WATER SAMPLE)
238540	L23075533	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-E2 (WATER SAMPLE)
238541	L23075534	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-E2 (WATER SAMPLE)
238542	L23075535	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-E3 (WATER SAMPLE)
238543	L23075536	1	13/09/2023	18/09/2023	01/10/2023	MFK-Z-E3 (WATER SAMPLE)
238544	L23075537	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-E4 (WATER SAMPLE)
238545	L23075538	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-E4 (WATER SAMPLE)
238546	L23075539	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-E5 (WATER SAMPLE)
238547	L23075540	1	13/09/2023	18/09/2023	03/10/2023	MFK-Z-E5 (WATER SAMPLE)

**Sampling procedures**

- 1 Samples analysed as received.
- 2 Samples collected as per FS procedures SAWI 070, Excluding Oil & Grease which is collected as per clients instructions.
- 3 Samples collected as per FS procedures SAWI 070.
- 4 Results reported as received from WNSW.

**ANALYTICAL RESULTS**

<b>Client Sample ID</b>	238532	238533	238534	238535	238536	238537	238538	238539
<b>Sampled Date</b>	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>	L23075525	L23075526	L23075527	L23075528	L23075529	L23075530	L23075531	L23075532

**ALGAL**

**MA71CENT : Blue-Green ID & Enumeration, Including ASU & Biovolumes**

Blue Green ASU	ASU/mL	-	3503	-	2798	-	469	-	3123
Blue Green Biovol	mm3/L	-	2.69	-	0.947	-	0.191	-	0.805
Potentially Toxic Blue Green	cells/mL	-	4960	-	0	-	572	-	0
Potentially Toxic Blue Green ASU	ASU/mL	-	431	-	0.00	-	52.3	-	0.00
Potentially Toxic Blue Green Biovol	mm3/L	-	0.862	-	0.000	-	0.092	-	0.000
Total Blue Green	cells/mL	-	1285000	-	1451000	-	219900	-	1614000

**MA91 : Individual Species Total Count, Total BioVol, Total ASU**

Algae Source*	N/A	-	EXTERNAL	-	EXTERNAL	-	EXTERNAL	-	EXTERNAL
Date of Performance	DD/MM/YY		03/10/23 00:00		03/10/23 00:00		30/09/23 00:00		03/10/23 00:00

**ORGANICS**

**TC0049DW : Algal Toxins**

\* Indicates NATA accreditation does not cover the performance of this service

"-" = Not required or refer to Laboratory comment

<b>Client Sample ID</b>	238532	238533	238534	238535	238536	238537	238538	238539
<b>Sampled Date</b>	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>	L23075525	L23075526	L23075527	L23075528	L23075529	L23075530	L23075531	L23075532

**ORGANICS**

TC0049DW : Algal Toxins(Continued)

Cylindrospermopsin (extra cellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Cylindrospermopsin (intra cellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Anatoxin-a(extracellular)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Anatoxin-a(intracellular)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Nodularin (extracellular)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Nodularin (intracellular)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Microcystin RR(extracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin YR(extracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin LR(extracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin LR(intracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-

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<b>Client Sample ID</b>	238532	238533	238534	238535	238536	238537	238538	238539
<b>Sampled Date</b>	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>	L23075525	L23075526	L23075527	L23075528	L23075529	L23075530	L23075531	L23075532

**ORGANICS**

## TC0049DW : Algal Toxins(Continued)

Microcystin YR(intracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin RR(intracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Anatoxin-a(total)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Cylindrospermopsin(total)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin LR(total)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin RR(total)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin YR(total)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Nodularin (total)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Date of Performance	DD/MM/YY	22/09/23		22/09/23		22/09/23		22/09/23	

## TC0061DW : Paralytic Shellfish Toxins (PST) Analysis by UPLCMSMS

Saxitoxin	ug/L	<0.4	-	<0.4	-	<0.4	-	<0.4	-
Neosaxitoxin	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-

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<b>Client Sample ID</b>	238532	238533	238534	238535	238536	238537	238538	238539
<b>Sampled Date</b>	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>	L23075525	L23075526	L23075527	L23075528	L23075529	L23075530	L23075531	L23075532

**ORGANICS**

TC0061DW : Paralytic Shellfish Toxins (PST) Analysis by UPLCMSMS(Continued)

dcSTX	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
C2	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-
GTX4	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-
GTX3	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
GTX5	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
dcNeo	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
dcGTX3	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-
GTX6	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-
GTX2	ug/L	<1	-	<1	-	<1	-	<1	-
GTX1	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
C1	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
dcGTX2	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-

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<b>Client Sample ID</b>		238532	238533	238534	238535	238536	238537	238538	238539
<b>Sampled Date</b>		13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>		L23075525	L23075526	L23075527	L23075528	L23075529	L23075530	L23075531	L23075532
<b>ORGANICS</b>									
Date of Performance	DD/MM/YY	25/09/23		25/09/23		25/09/23		25/09/23	

<b>Client Sample ID</b>		238540	238541	238542	238543	238544	238545	238546	238547
<b>Sampled Date</b>		13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>		L23075533	L23075534	L23075535	L23075536	L23075537	L23075538	L23075539	L23075540

**ALGAL**

**MA71CENT : Blue-Green ID & Enumeration, Including ASU & Biovolumes**

Blue Green ASU	ASU/mL	-	2645	-	3801	-	2428	-	2500
Blue Green Biovol	mm3/L	-	1.11	-	0.964	-	0.667	-	1.06
Potentially Toxic Blue Green	cells/mL	-	0	-	0	-	0	-	0
Potentially Toxic Blue Green ASU	ASU/mL	-	0.00	-	0.00	-	0.00	-	0.00
Potentially Toxic Blue Green Biovol	mm3/L	-	0.000	-	0.000	-	0.000	-	0.000
Total Blue Green	cells/mL	-	1315000	-	1965000	-	1231000	-	1267000

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<b>Client Sample ID</b>	238540	238541	238542	238543	238544	238545	238546	238547
<b>Sampled Date</b>	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>	L23075533	L23075534	L23075535	L23075536	L23075537	L23075538	L23075539	L23075540

**ALGAL**

MA91 : Individual Species Total Count, Total BioVol, Total ASU

Algae Source*	N/A	-	EXTERNAL	-	EXTERNAL	-	EXTERNAL	-	EXTERNAL
Date of Performance	DD/MM/YY		03/10/23 00:00		30/09/23 00:00		03/10/23 00:00		03/10/23 00:00

**ORGANICS**

TC0049DW : Algal Toxins

Cylindrospermopsin (extra cellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Cylindrospermopsin (intra cellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Anatoxin-a(extracellular)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Anatoxin-a(intracellular)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Nodularin (extracellular)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Nodularin (intracellular)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Microcystin RR(extracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-

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<b>Client Sample ID</b>	238540	238541	238542	238543	238544	238545	238546	238547
<b>Sampled Date</b>	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>	L23075533	L23075534	L23075535	L23075536	L23075537	L23075538	L23075539	L23075540

**ORGANICS**

TC0049DW : Algal Toxins(Continued)

Microcystin YR(extracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin LR(extracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin LR(intracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin YR(intracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin RR(intracellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Anatoxin-a(total)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Cylindrospermopsin(total)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin LR(total)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin RR(total)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Microcystin YR(total)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-

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<b>Sampled Date</b>	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>	L23075533	L23075534	L23075535	L23075536	L23075537	L23075538	L23075539	L23075540

**ORGANICS**

TC0049DW : Algal Toxins(Continued)

Nodularin (total)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Date of Performance	DD/MM/YY	22/09/23		22/09/23		22/09/23		22/09/23	

TC0061DW : Paralytic Shellfish Toxins (PST) Analysis by UPLCMSMS

Saxitoxin	ug/L	<0.4	-	<0.4	-	<0.4	-	<0.4	-
Neosaxitoxin	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-
dcSTX	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
C2	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-
GTX4	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-
GTX3	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
GTX5	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
dcNeo	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
dcGTX3	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-

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<b>Sampled Date</b>		13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM	13/09/2023 12:00:00 AM
<b>Sample Number</b>		L23075533	L23075534	L23075535	L23075536	L23075537	L23075538	L23075539	L23075540
<b>ORGANICS</b>									
TC0061DW : Paralytic Shellfish Toxins (PST) Analysis by UPLCMSMS(Continued)									
GTX6	ug/L	<0.3	-	<0.3	-	<0.3	-	<0.3	-
GTX2	ug/L	<1	-	<1	-	<1	-	<1	-
GTX1	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
C1	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
dcGTX2	ug/L	<0.5	-	<0.5	-	<0.5	-	<0.5	-
Date of Performance	DD/MM/YY	25/09/23		25/09/23		25/09/23		25/09/23	

**COMMENTS**

<u>Sample ID</u>	<u>Comment Level</u>	<u>Method</u>	<u>Test</u>	<u>Comment</u>
L23075526	Method	MA91	-	Debris present in the sample.
L23075528	Method	MA91	-	Debris present in the sample.
L23075530	Method	MA91	-	Debris present in the sample.
L23075532	Method	MA91	-	Debris present in the sample.
L23075534	Method	MA91	-	Debris present in the sample.
L23075536	Method	MA91	-	Debris present in the sample.
L23075538	Method	MA91	-	Debris present in the sample.
L23075540	Method	MA91	-	Debris present in the sample.

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**LABORATORY QC RESULTS**

N/A - Not Applicable

PQL - Practical Quantitation Limit

LOQ - Limit of Quantification

RPD - Relative Percent Difference

SPIKE/Positive Control - Addition of a known amount and concentration

Duplicate Precision = Accepted - Result 2 within 95% confidence limits of result 1

Duplicate Precision = Outlier - Result 2 outside 95% confidence limits of result 1

Duplicate Precision = Not calculated - Result is outside test range

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
<b>TC0049DW Anatoxin-a(extracellular)</b>						
<0.1 ug/L	<0.1	87 50.0 - 120.0 ug/L	89 % Recovery 50.0 - 130.0 % Recovery	<0.1	<0.1	B 0.0 - 0.0 %
<b>TC0049DW Anatoxin-a(intracellular)</b>						
<0.1 ug/L	F		E	<0.1	<0.1	B 0.0 - 0.0 %
<b>TC0049DW Anatoxin-a(total)</b>						
<0.1 ug/L	F		E	<0.1	<0.1	B 0.0 - 0.0 %
<b>TC0049DW Cylindrospermopsin (extracellular)</b>						
<0.05 ug/L	<0.05	78 50.0 - 120.0 ug/L	71 % Recovery 50.0 - 130.0 % Recovery	<0.05	<0.05	B 0.0 - 0.0 %
<b>TC0049DW Cylindrospermopsin (intracellular)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	B 0.0 - 0.0 %
<b>TC0049DW Cylindrospermopsin(total)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	B 0.0 - 0.0 %

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
<b>TC0049DW Microcystin LR(extracellular)</b>						
<0.05 ug/L	<0.05	<b>69</b> <i>50.0 - 120.0 ug/L</i>	<b>64 % Recovery</b> <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	<b>B</b> <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin LR(intracellular)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	<b>B</b> <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin LR(total)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	<b>B</b> <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin RR(extracellular)</b>						
<0.05 ug/L	<0.05	<b>76</b> <i>50.0 - 120.0 ug/L</i>	<b>75 % Recovery</b> <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	<b>B</b> <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin RR(intracellular)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	<b>B</b> <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin RR(total)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	<b>B</b> <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin YR(extracellular)</b>						
<0.05 ug/L	<0.05	<b>80</b> <i>50.0 - 120.0 ug/L</i>	<b>68 % Recovery</b> <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	<b>B</b> <i>0.0 - 0.0 %</i>

\* Indicates NATA accreditation does not cover the performance of this service

LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
<b>TC0049DW Microcystin YR(intracellular)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	B 0.0 - 0.0 %
<b>TC0049DW Microcystin YR(total)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	B 0.0 - 0.0 %
<b>TC0049DW Nodularin (extracellular)</b>						
<0.1 ug/L	<0.1	73 50.0 - 120.0 ug/L	72 % Recovery 50.0 - 130.0 % Recovery	<0.1	<0.1	B 0.0 - 0.0 %
<b>TC0049DW Nodularin (intracellular)</b>						
<0.1 ug/L	F		E	<0.1	<0.1	B 0.0 - 0.0 %
<b>TC0049DW Nodularin (total)</b>						
<0.1 ug/L	F		E	<0.1	<0.1	B 0.0 - 0.0 %
<b>TC0061DW C1</b>						
<0.5 ug/L	<0.5	89 70.0 - 130.0 ug/L	130 % Recovery 50.0 - 130.0 % Recovery	<0.5	<0.5	B 0.0 - 0.0 %
<b>TC0061DW C2</b>						
<0.3 ug/L	<0.3	100 70.0 - 130.0 ug/L	120 % Recovery 50.0 - 130.0 % Recovery	<0.3	<0.3	B 0.0 - 0.0 %

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
<b>TC0061DW dcGTX2</b>						
<0.5 ug/L	<0.5	100 <i>70.0 - 130.0 ug/L</i>	130 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>
<b>TC0061DW dcGTX3</b>						
<0.3 ug/L	<0.3	97 <i>70.0 - 130.0 ug/L</i>	90 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.3	<0.3	B <i>0.0 - 0.0 %</i>
<b>TC0061DW dcNeo</b>						
<0.5 ug/L	<0.5	110 <i>70.0 - 130.0 ug/L</i>	74 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>
<b>TC0061DW dcSTX</b>						
<0.5 ug/L	<0.5	120 <i>70.0 - 130.0 ug/L</i>	54 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>
<b>TC0061DW GTX1</b>						
<0.5 ug/L	<0.5	95 <i>70.0 - 130.0 ug/L</i>	82 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>
<b>TC0061DW GTX2</b>						
<1 ug/L	<1	93 <i>70.0 - 130.0 ug/L</i>	100 % Recovery <i>50.0 - 130.0 % Recovery</i>	<1	<1	B <i>0.0 - 0.0 %</i>
<b>TC0061DW GTX3</b>						
<0.5 ug/L	<0.5	96 <i>70.0 - 130.0 ug/L</i>	100 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>

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LOQ	Blank	Control <i>Acceptance Criteria</i>	Spike <i>Acceptance Criteria</i>	Duplicate1	Duplicate2	RPD <i>Acceptance Criteria</i>
<b>TC0061DW GTX4</b>						
<0.3 ug/L	<0.3	110 <i>70.0 - 130.0 ug/L</i>	100 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.3	<0.3	B <i>0.0 - 0.0 %</i>
<b>TC0061DW GTX5</b>						
<0.5 ug/L	<0.5	100 <i>70.0 - 130.0 ug/L</i>	88 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.5	<0.5	B <i>0.0 - 0.0 %</i>
<b>TC0061DW GTX6</b>						
<0.3 ug/L	<0.3	100 <i>70.0 - 130.0 ug/L</i>	130 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.3	<0.3	B <i>0.0 - 0.0 %</i>
<b>TC0061DW Neosaxitoxin</b>						
<0.3 ug/L	<0.3	95 <i>70.0 - 130.0 ug/L</i>	80 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.3	<0.3	B <i>0.0 - 0.0 %</i>
<b>TC0061DW Saxitoxin</b>						
<0.4 ug/L	<0.4	100 <i>70.0 - 130.0 ug/L</i>	110 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.4	<0.4	B <i>0.0 - 0.0 %</i>

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## Extra Note:

F: Blank is not applicable for this analyte

E: Spike is not applicable for this analyte

DUPLICATE Anatoxin-a(extracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Anatoxin-a(intracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Anatoxin-a(total) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Cylindrospermopsin (extracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Cylindrospermopsin (intracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Cylindrospermopsin(total) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Microcystin LR(extracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Microcystin LR(intracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Microcystin LR(total) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Microcystin RR(extracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Microcystin RR(intracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Microcystin RR(total) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Microcystin YR(extracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Microcystin YR(intracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Microcystin YR(total) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Nodularin (extracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Nodularin (intracellular) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Nodularin (total) B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE C1 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE C2 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE dcGTX2 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE dcGTX3 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE dcNeo B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE dcSTX B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE GTX1 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE GTX2 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE GTX3 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE GTX4 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE GTX5 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE GTX6 B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Neosaxitoxin B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

DUPLICATE Saxitoxin B: Duplicate RPD reject criteria is not applicable, results are <10 times LOQ

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