



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



## Replacement Analytical Report 287372

Issue Date: 05/07/2023  
Issued By : [REDACTED], Commercial Client Representative

Supersedes Report No.: 285625

Attention: [REDACTED]  
Customer: Department of Planning and Environment  
Customer ID: ZOEH\_1

Delivery Address: Sydney Water Corporation  
[REDACTED]  
West Ryde NSW 2114  
Telephone: [REDACTED]  
Email: [REDACTED]

Address: [REDACTED]  
Telephone: [REDACTED]  
Email: [REDACTED]

### CONTENTS

- 1. Sydney Water Approved Signatory
- 2. Sample Summary
- 3. Analytical results
- 4. Comments
- 5. Laboratory QC results

### Sydney Water Approved Signatory

[REDACTED], Phycology Analyst	[REDACTED], Phycology Supervisor	[REDACTED], Phycology Analyst
[REDACTED], Phycology Analyst	[REDACTED], Organics Analyst	[REDACTED], Organics Senior 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>
233647	L23041661	1	12/05/2023	19/05/2023	28/05/2023	B1 (ENVIRONMENTAL WATER)
233649	L23041662	1	12/05/2023	19/05/2023	01/06/2023	B1 (ENVIRONMENTAL WATER)
233655	L23041663	1	12/05/2023	19/05/2023	28/05/2023	B2 (ENVIRONMENTAL WATER)
233657	L23041664	1	12/05/2023	19/05/2023	01/06/2023	B2 (ENVIRONMENTAL WATER)
233663	L23041665	1	12/05/2023	19/05/2023	28/05/2023	B3 (ENVIRONMENTAL WATER)
233665	L23041666	1	12/05/2023	19/05/2023	01/06/2023	B3 (ENVIRONMENTAL WATER)
233671	L23041667	1	12/05/2023	19/05/2023	28/05/2023	E1 (ENVIRONMENTAL WATER)
233673	L23041668	1	12/05/2023	19/05/2023	02/06/2023	E1 (ENVIRONMENTAL WATER)
233679	L23041669	1	12/05/2023	19/05/2023	28/05/2023	E2 (ENVIRONMENTAL WATER)
233681	L23041670	1	12/05/2023	19/05/2023	01/06/2023	E2 (ENVIRONMENTAL WATER)
233687	L23041671	1	12/05/2023	19/05/2023	28/05/2023	E3 (ENVIRONMENTAL WATER)
233689	L23041672	1	12/05/2023	19/05/2023	01/06/2023	E3 (ENVIRONMENTAL WATER)
233695	L23041673	1	12/05/2023	19/05/2023	28/05/2023	E4 (ENVIRONMENTAL WATER)
233697	L23041674	1	12/05/2023	19/05/2023	01/06/2023	E4 (ENVIRONMENTAL WATER)
233703	L23041675	1	12/05/2023	19/05/2023	28/05/2023	E5 (ENVIRONMENTAL WATER)
233705	L23041676	1	12/05/2023	19/05/2023	01/06/2023	E5 (ENVIRONMENTAL WATER)

**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>	233647	233649	233655	233657	233663	233665	233671	233673
<b>Sampled Date</b>	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM
<b>Sample Number</b>	L23041661	L23041662	L23041663	L23041664	L23041665	L23041666	L23041667	L23041668

**ALGAL**

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

Blue Green ASU	ASU/mL	-	3198	-	3938	-	1362	-	3180
Blue Green Biovol	mm3/L	-	2.83	-	0.959	-	0.323	-	1.71
Potentially Toxic Blue Green	cells/mL	-	468	-	0	-	0	-	0
Potentially Toxic Blue Green ASU	ASU/mL	-	32.3	-	0.00	-	0.00	-	0.00
Potentially Toxic Blue Green Biovol	mm3/L	-	0.055	-	0.000	-	0.000	-	0.000
Total Blue Green	cells/mL	-	1511000	-	2074000	-	716800	-	1582000

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

Algae Source*	N/A	-	EXTERNAL	-	EXTERNAL	-	EXTERNAL	-	EXTERNAL
Date of Performance	DD/MM/YY		01/06/23 00:00		01/06/23 00:00		01/06/23 00:00		02/06/23 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>	233647	233649	233655	233657	233663	233665	233671	233673
<b>Sampled Date</b>	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM
<b>Sample Number</b>	L23041661	L23041662	L23041663	L23041664	L23041665	L23041666	L23041667	L23041668

**ORGANICS**

TC0049DW : Algal Toxins(Continued)

Cylindrospermopsin (extra cellular)	ug/L	<0.05	-	<0.05	-	<0.05	-	<0.05	-
Cylindrospermopsin (intra cellular)	ug/L	0.08	-	<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>	233647	233649	233655	233657	233663	233665	233671	233673
<b>Sampled Date</b>	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM
<b>Sample Number</b>	L23041661	L23041662	L23041663	L23041664	L23041665	L23041666	L23041667	L23041668

**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	0.08	-	<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	22/05/23		22/05/23		22/05/23		22/05/23	

**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>Sample Number</b>	L23041661	L23041662	L23041663	L23041664	L23041665	L23041666	L23041667	L23041668

**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>Sampled Date</b>	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM
<b>Sample Number</b>	L23041661	L23041662	L23041663	L23041664	L23041665	L23041666	L23041667	L23041668
<b>ORGANICS</b>								
Date of Performance	DD/MM/YY	25/05/23	24/05/23	24/05/23	24/05/23	24/05/23	24/05/23	24/05/23

<b>Client Sample ID</b>	233679	233681	233687	233689	233695	233697	233703	233705
<b>Sampled Date</b>	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM
<b>Sample Number</b>	L23041669	L23041670	L23041671	L23041672	L23041673	L23041674	L23041675	L23041676

**ALGAL**

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

Blue Green ASU	ASU/mL	-	794.4	-	4915	-	2353	-	2968
Blue Green Biovol	mm3/L	-	0.188	-	3.69	-	1.3	-	0.854
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	-	418100	-	2448000	-	1193000	-	1562000

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<b>Client Sample ID</b>	233679	233681	233687	233689	233695	233697	233703	233705
<b>Sampled Date</b>	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM
<b>Sample Number</b>	L23041669	L23041670	L23041671	L23041672	L23041673	L23041674	L23041675	L23041676

**ALGAL**

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

Algae Source*	N/A	-	EXTERNAL	-	EXTERNAL	-	EXTERNAL	-	EXTERNAL
Date of Performance	DD/MM/YY		01/06/23 00:00		01/06/23 00:00		01/06/23 00:00		01/06/23 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>	233679	233681	233687	233689	233695	233697	233703	233705
<b>Sampled Date</b>	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM
<b>Sample Number</b>	L23041669	L23041670	L23041671	L23041672	L23041673	L23041674	L23041675	L23041676

**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>Client Sample ID</b>	233679	233681	233687	233689	233695	233697	233703	233705
<b>Sampled Date</b>	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM
<b>Sample Number</b>	L23041669	L23041670	L23041671	L23041672	L23041673	L23041674	L23041675	L23041676

**ORGANICS**

TC0049DW : Algal Toxins(Continued)

Nodularin (total)	ug/L	<0.1	-	<0.1	-	<0.1	-	<0.1	-
Date of Performance	DD/MM/YY	22/05/23		22/05/23		22/05/23		22/05/23	

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>Client Sample ID</b>	233679	233681	233687	233689	233695	233697	233703	233705
<b>Sampled Date</b>	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM	12/05/2023 12:00:00 AM
<b>Sample Number</b>	L23041669	L23041670	L23041671	L23041672	L23041673	L23041674	L23041675	L23041676

**ORGANICS**

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	24/05/23		25/05/23		25/05/23		25/05/23	

**COMMENTS**

<u>Sample ID</u>	<u>Comment Level</u>	<u>Method</u>	<u>Test</u>	<u>Comment</u>
L23041662	Method	MA91	-	Debris present in the sample.
L23041664	Method	MA91	-	Debris present in the sample.
L23041666	Method	MA91	-	Debris present in the sample.
L23041668	Method	MA91	-	Debris present in the sample.
L23041670	Method	MA91	-	Debris present in the sample.
L23041672	Method	MA91	-	Debris present in the sample.
L23041674	Method	MA91	-	Debris present in the sample.
L23041676	Method	MA91	-	Debris present in the sample.

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"-" = Not required or refer to Laboratory comment

**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	<b>100</b> 50.0 - 120.0 ug/L	<b>77 % Recovery</b> 50.0 - 130.0 % Recovery	<0.1	<0.1	<b>B</b> 0.0 - 0.0 %
<b>TC0049DW Anatoxin-a(intracellular)</b>						
<0.1 ug/L	F		E	<0.1	<0.1	<b>B</b> 0.0 - 0.0 %
<b>TC0049DW Anatoxin-a(total)</b>						
<0.1 ug/L	F		E	<0.1	<0.1	<b>B</b> 0.0 - 0.0 %
<b>TC0049DW Cylindrospermopsin (extracellular)</b>						
<0.05 ug/L	<0.05	<b>95</b> 50.0 - 120.0 ug/L	<b>78 % Recovery</b> 50.0 - 130.0 % Recovery	<0.05	<0.05	<b>B</b> 0.0 - 0.0 %
<b>TC0049DW Cylindrospermopsin (intracellular)</b>						
<0.05 ug/L	F		E	0.08	0.08	<b>B</b> 0.0 - 0.0 %
<b>TC0049DW Cylindrospermopsin(total)</b>						
<0.05 ug/L	F		E	0.08	0.08	<b>B</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	80 <i>50.0 - 120.0 ug/L</i>	64 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin LR(intracellular)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin LR(total)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin RR(extracellular)</b>						
<0.05 ug/L	<0.05	85 <i>50.0 - 120.0 ug/L</i>	61 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin RR(intracellular)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin RR(total)</b>						
<0.05 ug/L	F		E	<0.05	<0.05	B <i>0.0 - 0.0 %</i>
<b>TC0049DW Microcystin YR(extracellular)</b>						
<0.05 ug/L	<0.05	81 <i>50.0 - 120.0 ug/L</i>	59 % Recovery <i>50.0 - 130.0 % Recovery</i>	<0.05	<0.05	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	83 50.0 - 120.0 ug/L	61 % 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	110 70.0 - 130.0 ug/L	95 % 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	110 70.0 - 130.0 ug/L	93 % 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	120 <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>
<b>TC0061DW dcGTX3</b>						
<0.3 ug/L	<0.3	120 <i>70.0 - 130.0 ug/L</i>	77 % 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	130 <i>70.0 - 130.0 ug/L</i>	66 % 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	130 <i>70.0 - 130.0 ug/L</i>	77 % 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	110 <i>70.0 - 130.0 ug/L</i>	93 % 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	120 <i>70.0 - 130.0 ug/L</i>	97 % 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	110 <i>70.0 - 130.0 ug/L</i>	95 % 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>	70 % 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>	89 % 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	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 Neosaxitoxin</b>						
<0.3 ug/L	<0.3	130 <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 Saxitoxin</b>						
<0.4 ug/L	<0.4	130 <i>70.0 - 130.0 ug/L</i>	79 % 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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