



Microcystins ELISA Summary Report

Office of Water Quality - Watershed Assessment and Planning Branch

Sample #	Location	Date Collected	Date Analyzed	Conc. (ppb)	% Recovery
LRB 1	Lab Reagent Blank	8/15/2019	8/15/2019	<0.300	
LFB 1	Lab Fortified Blank (Spike = 0.60 ppb)	8/15/2019	8/15/2019	0.515	86
AB40034	Pokagon State Park Beach	8/12/2019	8/15/2019	<0.300	
AB40034MS	Pokagon (Matrix Spike, True Value = 0.60)	8/12/2019	8/15/2019	0.590	78
AB40034MSD	Pokagon (Matrix Spike Duplicate, True Value = 0.60)	8/12/2019	8/15/2019	0.658	89
AB40035	Potawatomi Inn's Beach @ Pokagon SP	8/12/2019	8/15/2019	<0.300	
AB40036	Chain O'Lakes SP	8/12/2019	8/15/2019	<0.300	
AB40037	Kunkel Beach @ Ouabache State Park	8/12/2019	8/15/2019	<0.300	
AB40038	Potato Creek State Park	8/13/2019	8/15/2019	<0.300	
AB40039 (10X)	Mississinewa Lake Miami SRA	8/13/2019	8/15/2019	7.435	
AB40039LD (10X)	Mississinewa Lake (Lab Duplicate)	8/15/2019	8/15/2019	7.085	
AB40040	Lost Bridge West SRA @ Salamonie Lake	8/13/2019	8/15/2019	<0.300	
AB40041	Field Blank	8/13/2019	8/15/2019	<0.300	
AB40042 (10X)	Mississinewa Lake (Field Duplicate)	8/13/2019	8/15/2019	10.985	
LRB 2	Lab Reagent Blank 2	8/15/2019	8/15/2019	<0.300	
LFB 2	Lab Fortified Blank 2 (Spike = 0.60 ppb)	8/15/2019	8/15/2019	0.498	83

*Samples AB40039 and AB40042 results were above the calibration limit. The samples were diluted 10X and rerun and included a lab duplicate that was also diluted 10X.

The average result between AB40039 and AB40042 after they were diluted 10X is 9.21 ppb.

Assay Information

Assay Name: MICROCYSTINS ADDA 546

Version: 2

Temperature: Room Temperature

Last Modified By: Security disabled

Units: µg/L

Assay Description:

Assay Substances:

Controls:

MCT 546 LRB 1

MCT 546 Low-CV

MCT 546 LFB 1

Standards:

MCT Std 0, Concentration = 0.000, Minimum number to use: 2

MCT Std 1, Concentration = 0.150, Minimum number to use: 2

MCT Std 2, Concentration = 0.400, Minimum number to use: 2

MCT Std 3, Concentration = 1.000, Minimum number to use: 2

MCT Std 4, Concentration = 2.000, Minimum number to use: 2

MCT Std 5, Concentration = 5.000, Minimum number to use: 2

Curve valid interval: 1 days 0 hours

Axis Mode: Y = Abs, X = Log(Conc)

Assay Mode: 4-Parameter Logistic Weight by:None

Well Type: Flat bottom

Last Modified On: 8/13/2019 2:01:59 PM

Normal: 0.300 - 5.000

of decimals: 3

Kit Lot Number: 19E9764

Assay Calibration

Current Calibration Status: "

"

Name	Absorbance	Concentration	Interpretation	Position	
8/15/2019 11:41:40 AM					
MCT Std 0	1.447 Abs		R ² =0.99801, 101.615 %Abs	RK1:23->A01@2	
MCT Std 0	1.402 Abs [1.4245] {2.2 CV}		R ² =0.99801, 98.455 %Abs	RK1:23->B01@2	
MCT Std 1	1.235 Abs		R ² =0.99801, 86.728 %Abs	RK1:24->C01@2	
MCT Std 1	1.229 Abs [1.2320] {0.3 CV}		R ² =0.99801, 86.306 %Abs	RK1:24->D01@2	
MCT Std 2	0.945 Abs		R ² =0.99801, 66.362 %Abs	RK1:25->E01@2	
MCT Std 2	0.922 Abs [0.9335] {1.7 CV}		R ² =0.99801, 64.747 %Abs	RK1:25->F01@3	
MCT Std 3	0.661 Abs		R ² =0.99801, 46.419 %Abs	RK1:26->G01@3	
MCT Std 3	0.644 Abs [0.6525] {1.8 CV}		R ² =0.99801, 45.225 %Abs	RK1:26->H01@3	
MCT Std 4	0.514 Abs		R ² =0.99801, 36.096 %Abs	RK1:27->A02@2	
MCT Std 4	0.521 Abs [0.5175] {1.0 CV}		R ² =0.99801, 36.587 %Abs	RK1:27->B02@2	
MCT Std 5	0.355 Abs		24.930 %Abs	RK1:28->C02@2	
MCT Std 5	0.346 Abs [0.3505] {1.8 CV}		24.298 %Abs	RK1:28->D02@2	

8/15/2019 11:41:40 AM					
MCT 546 LRB 1	1.428 Abs		100.281 %Abs	RK1:29->E02@2	
MCT 546 LRB 1	1.371 Abs [1.3995] {2.9 CV}		96.278 %Abs [98.279 %Abs]	RK1:29->F02@3	
MCT 546 Low-CV	1.066 Abs		74.860 %Abs	RK1:30->G02@3	
MCT 546 Low-CV	0.991 Abs [1.0285] {5.2 CV}		69.593 %Abs [72.226 %Abs]	RK1:30->H02@3	
MCT 546 LFB 1	0.872 Abs		61.236 %Abs	RK1:31->A03@2	
MCT 546 LFB 1	0.866 Abs [0.8690] {0.5 CV}		60.815 %Abs [61.025 %Abs]	RK1:31->B03@2	

Statistic					
MCT Std 0 [MEAN]	1.4245				
MCT Std 0 [SD]	0.0318				
MCT Std 0 [%CV]	2.2338				
MCT Std 1 [MEAN]	1.2320				
MCT Std 1 [SD]	0.0042				
MCT Std 1 [%CV]	0.3444				
MCT Std 1 [%DIFF]					
MCT Std 2 [MEAN]	0.9335				
MCT Std 2 [SD]	0.0163				
MCT Std 2 [%CV]	1.7422				
MCT Std 2 [%DIFF]					
MCT Std 3 [MEAN]	0.6525				
MCT Std 3 [SD]	0.0120				
MCT Std 3 [%CV]	1.8423				
MCT Std 3 [%DIFF]					
MCT Std 4 [MEAN]	0.5175				

Name	Absorbance	Concentration	Interpretation	Position	
MCT Std 4 [SD]	0.0049				
MCT Std 4 [%CV]	0.9565				
MCT Std 4 [%DIFF]					
MCT Std 5 [MEAN]	0.3505				
MCT Std 5 [SD]	0.0064				
MCT Std 5 [%CV]	1.8157				
MCT 546 LRB 1 [MEAN]	1.3995				
MCT 546 LRB 1 [SD]	0.0403				
MCT 546 LRB 1 [%CV]	2.8800				
MCT 546 Low-CV [MEAN]	1.0285				
MCT 546 Low-CV [SD]	0.0530				
MCT 546 Low-CV [%CV]	5.1563				
MCT 546 LFB 1 [MEAN]	0.8690				
MCT 546 LFB 1 [SD]	0.0042				
MCT 546 LFB 1 [%CV]	0.4882				

Assay Curve

$$y = (A-D)/(1+(x/C)^B) + D$$

Weight: NONE

A = 1.4299

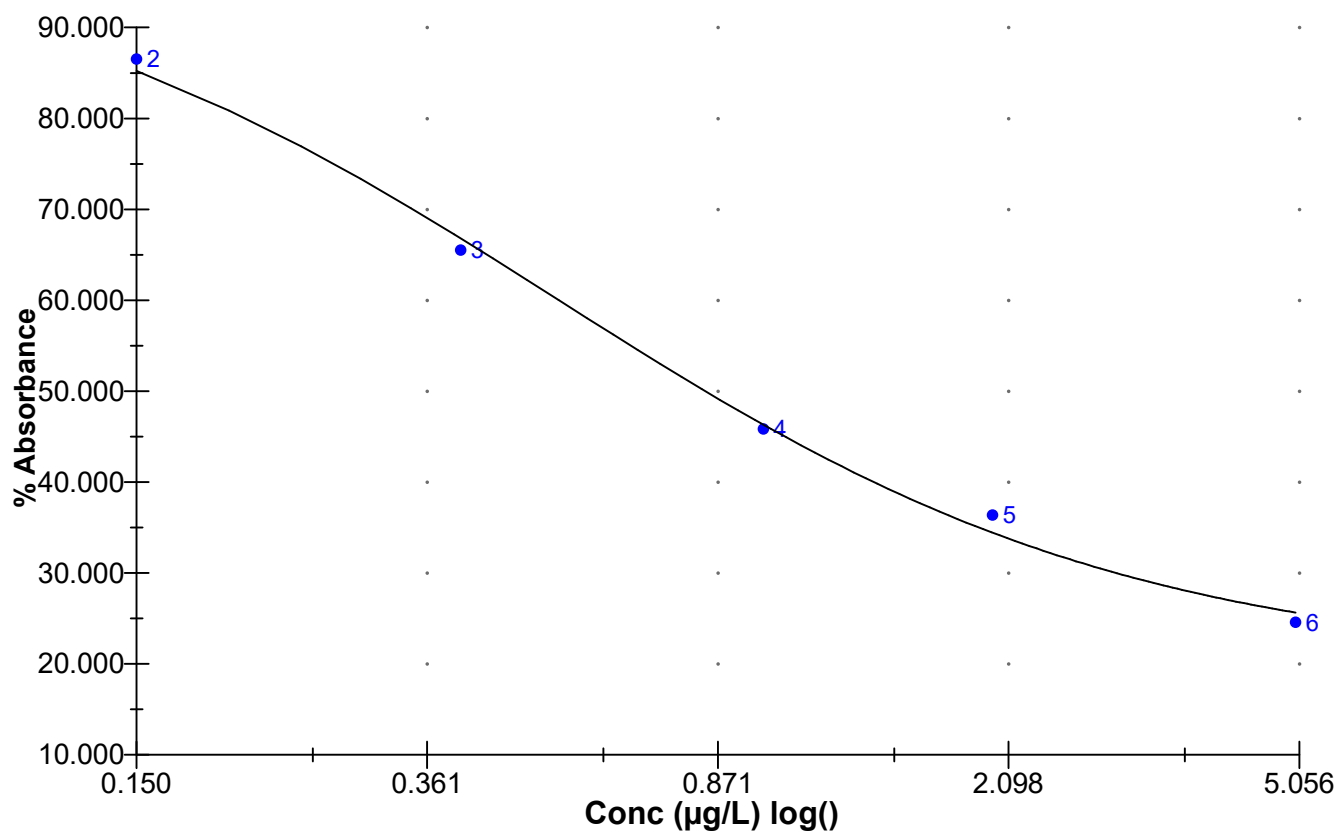
B = 1.1473

C = 0.53513

D = 0.28327

R2 coef = 0.99801

50% = 0.839



Test Information

Request: 8/15/2019 11:41:40 AM
Date: 8/15/2019

Name/ID	Assay	Absorbance	Concentration	Interpretation	Reference	Lot #
MCT Std 0	MICROCYSTINS ADDA 546	1.447 Abs	0.000 µg/L	R^2=0.99801, 101.61		19E9764
MCT Std 0	MICROCYSTINS ADDA 546	1.402 Abs [1.4245] {2.2 CV}	0.021 µg/L [0.010] {1}	R^2=0.99801, 98.455		19E9764
MCT Std 1	MICROCYSTINS ADDA 546	1.235 Abs	0.134 µg/L	R^2=0.99801, 86.728		19E9764
MCT Std 1	MICROCYSTINS ADDA 546	1.229 Abs [1.2320] {0.3 CV}	0.139 µg/L [0.137] {2}	R^2=0.99801, 86.306		19E9764
MCT Std 2	MICROCYSTINS ADDA 546	0.945 Abs	0.408 µg/L	R^2=0.99801, 66.362		19E9764
MCT Std 2	MICROCYSTINS ADDA 546	0.922 Abs [0.9335] {1.7 CV}	0.438 µg/L [0.423] {5}	R^2=0.99801, 64.747		19E9764
MCT Std 3	MICROCYSTINS ADDA 546	0.661 Abs	0.994 µg/L	R^2=0.99801, 46.419		19E9764
MCT Std 3	MICROCYSTINS ADDA 546	0.644 Abs [0.6525] {1.8 CV}	1.055 µg/L [1.025] {4}	R^2=0.99801, 45.225		19E9764
MCT Std 4	MICROCYSTINS ADDA 546	0.514 Abs	1.780 µg/L	R^2=0.99801, 36.096		19E9764
MCT Std 4	MICROCYSTINS ADDA 546	0.521 Abs [0.5175] {1.0 CV}	1.722 µg/L [1.751] {2}	R^2=0.99801, 36.587		19E9764
MCT Std 5	MICROCYSTINS ADDA 546	0.355 Abs	> 5.000 µg/L	24.930 %Abs		19E9764
MCT Std 5	MICROCYSTINS ADDA 546	0.346 Abs [0.3505] {1.8 CV}	> 5.000 µg/L	24.298 %Abs		19E9764
MCT 546 LRB 1	MICROCYSTINS ADDA 546	1.428 Abs	0.002 µg/L	100.281 %Abs		19E9764
MCT 546 LRB 1	MICROCYSTINS ADDA 546	1.371 Abs [1.3995] {2.9 CV}	0.042 µg/L [0.022] {1}	96.278 %Abs [98.275]		19E9764
MCT 546 Low-CV	MICROCYSTINS ADDA 546	1.066 Abs	0.275 µg/L	74.860 %Abs		19E9764
MCT 546 Low-CV	MICROCYSTINS ADDA 546	0.991 Abs [1.0285] {5.2 CV}	0.353 µg/L [0.314] {1}	69.593 %Abs [72.226]		19E9764
MCT 546 LFB 1	MICROCYSTINS ADDA 546	0.872 Abs	0.511 µg/L	61.236 %Abs		19E9764
MCT 546 LFB 1	MICROCYSTINS ADDA 546	0.866 Abs [0.8690] {0.5 CV}	0.520 µg/L [0.515] {1}	60.815 %Abs [61.025]		19E9764

Test Information

Request: 8/15/2019 11:49:02 AM
Date: 8/15/2019

Name/ID	Assay	Absorbance	Concentration	Interpretation	Reference	Lot #
AB40034	MICROCYSTINS ADDA 546	1.265 Abs	0.113 µg/L	LOW, 88.834 %ABS	0.300 - 5.000	19E9764
AB40034	MICROCYSTINS ADDA 546	1.232 Abs [1.2485] {1.9 CV}	0.137 µg/L [0.125] {1.9 CV}	LOW, 86.517 %ABS	0.300 - 5.000	19E9764
AB40034MS	MICROCYSTINS ADDA 546	0.840 Abs	0.563 µg/L	58.989 %Abs	0.300 - 5.000	19E9764
AB40034MS	MICROCYSTINS ADDA 546	0.810 Abs [0.8250] {2.6 CV}	0.617 µg/L [0.590] {2.6 CV}	56.882 %Abs [57.93] {2.6 CV}	0.300 - 5.000	19E9764
AB40034MSD	MICROCYSTINS ADDA 546	0.808 Abs	0.621 µg/L	56.742 %Abs	0.300 - 5.000	19E9764
AB40034MSD	MICROCYSTINS ADDA 546	0.771 Abs [0.7895] {3.3 CV}	0.696 µg/L [0.658] {3.3 CV}	54.143 %Abs [55.44] {3.3 CV}	0.300 - 5.000	19E9764
AB40035	MICROCYSTINS ADDA 546	1.313 Abs	0.080 µg/L	LOW, 92.205 %ABS	0.300 - 5.000	19E9764
AB40035	MICROCYSTINS ADDA 546	1.361 Abs [1.3370] {2.5 CV}	0.049 µg/L [0.064] {2.5 CV}	LOW, 95.576 %ABS	0.300 - 5.000	19E9764
AB40036	MICROCYSTINS ADDA 546	1.355 Abs	0.053 µg/L	LOW, 95.154 %ABS	0.300 - 5.000	19E9764
AB40036	MICROCYSTINS ADDA 546	1.304 Abs [1.3295] {2.7 CV}	0.086 µg/L [0.069] {2.7 CV}	LOW, 91.573 %ABS	0.300 - 5.000	19E9764
AB40037	MICROCYSTINS ADDA 546	1.262 Abs	0.115 µg/L	LOW, 88.624 %ABS	0.300 - 5.000	19E9764
AB40037	MICROCYSTINS ADDA 546	1.195 Abs [1.2285] {3.9 CV}	0.164 µg/L [0.140] {3.9 CV}	LOW, 83.919 %ABS	0.300 - 5.000	19E9764
AB40038	MICROCYSTINS ADDA 546	1.311 Abs	0.082 µg/L	LOW, 92.065 %ABS	0.300 - 5.000	19E9764
AB40038	MICROCYSTINS ADDA 546	1.289 Abs [1.3000] {1.2 CV}	0.097 µg/L [0.090] {1.2 CV}	LOW, 90.520 %ABS	0.300 - 5.000	19E9764
AB40039	MICROCYSTINS ADDA 546	0.239 Abs	> 5.000 µg/L	16.784 %Abs, Out(LF)	0.300 - 5.000	19E9764
AB40039	MICROCYSTINS ADDA 546	0.219 Abs [0.2290] {6.2 CV}	> 5.000 µg/L	15.379 %Abs, Out(LF)	0.300 - 5.000	19E9764
AB40040	MICROCYSTINS ADDA 546	1.337 Abs	0.064 µg/L	LOW, 93.890 %ABS	0.300 - 5.000	19E9764
AB40040	MICROCYSTINS ADDA 546	1.306 Abs [1.3215] {1.7 CV}	0.085 µg/L [0.075] {1.7 CV}	LOW, 91.713 %ABS	0.300 - 5.000	19E9764
AB40041	MICROCYSTINS ADDA 546	1.369 Abs	0.043 µg/L	LOW, 96.138 %ABS	0.300 - 5.000	19E9764
AB40041	MICROCYSTINS ADDA 546	1.342 Abs [1.3555] {1.4 CV}	0.061 µg/L [0.052] {1.4 CV}	LOW, 94.242 %ABS	0.300 - 5.000	19E9764
AB40042	MICROCYSTINS ADDA 546	0.200 Abs	> 5.000 µg/L	14.045 %Abs, Out(LF)	0.300 - 5.000	19E9764
AB40042	MICROCYSTINS ADDA 546	0.180 Abs [0.1900] {7.4 CV}	> 5.000 µg/L	12.640 %Abs, Out(LF)	0.300 - 5.000	19E9764
LFB 2	MICROCYSTINS ADDA 546	0.890 Abs	0.483 µg/L	62.500 %Abs	0.300 - 5.000	19E9764
LFB 2	MICROCYSTINS ADDA 546	0.871 Abs [0.8805] {1.5 CV}	0.512 µg/L [0.498] {1.5 CV}	61.166 %Abs [61.83] {1.5 CV}	0.300 - 5.000	19E9764
LRB 2	MICROCYSTINS ADDA 546	1.382 Abs	0.035 µg/L	LOW, 97.051 %ABS	0.300 - 5.000	19E9764
LRB 2	MICROCYSTINS ADDA 546	1.337 Abs [1.3595] {2.3 CV}	0.064 µg/L [0.050] {2.3 CV}	LOW, 93.890 %ABS	0.300 - 5.000	19E9764

David Jordan

David Jordan 8/16/2019

Assay Information

Assay Name: MICROCYSTINS ADDA 546

Version: 2

Temperature: Room Temperature

Last Modified By: Security disabled

Units: µg/L

Assay Description:

Assay Substances:

Controls:

MCT 546 LRB 1

MCT 546 Low-CV

MCT 546 LFB 1

Standards:

MCT Std 0, Concentration = 0.000, Minimum number to use: 2

MCT Std 1, Concentration = 0.150, Minimum number to use: 2

MCT Std 2, Concentration = 0.400, Minimum number to use: 2

MCT Std 3, Concentration = 1.000, Minimum number to use: 2

MCT Std 4, Concentration = 2.000, Minimum number to use: 2

MCT Std 5, Concentration = 5.000, Minimum number to use: 2

Curve valid interval: 1 days 0 hours

Axis Mode: Y = Abs, X = Log(Conc)

Assay Mode: 4-Parameter Logistic Weight by:None

Well Type: Flat bottom

Last Modified On: 8/13/2019 2:01:59 PM

Normal: 0.300 - 5.000

of decimals: 3

Kit Lot Number: 19E9764

Assay Calibration

Current Calibration Status: "

"

Name	Absorbance	Concentration	Interpretation	Position	
8/15/2019 3:50:54 PM					
MCT Std 0	1.458 Abs		R ² =0.99605, 107.048 %Abs	RK1:23->A01@2	
MCT Std 0	1.265 Abs [1.3615] {10.0 CV}		R ² =0.99605, 92.878 %Abs	RK1:23->B01@2	
MCT Std 1	1.280 Abs		R ² =0.99605, 93.979 %Abs	RK1:24->C01@2	
MCT Std 1	1.306 Abs [1.2930] {1.4 CV}		R ² =0.99605, 95.888 %Abs	RK1:24->D01@2	
MCT Std 2	0.998 Abs		R ² =0.99605, 73.275 %Abs	RK1:25->E01@2	
MCT Std 2	0.971 Abs [0.9845] {1.9 CV}		R ² =0.99605, 71.292 %Abs	RK1:25->F01@3	
MCT Std 3	0.696 Abs		R ² =0.99605, 51.101 %Abs	RK1:26->G01@3	
MCT Std 3	0.665 Abs [0.6805] {3.2 CV}		R ² =0.99605, 48.825 %Abs	RK1:26->H01@3	
MCT Std 4	0.535 Abs		R ² =0.99605, 39.280 %Abs	RK1:27->A02@2	
MCT Std 4	0.516 Abs [0.5255] {2.6 CV}		R ² =0.99605, 37.885 %Abs	RK1:27->B02@2	
MCT Std 5	0.370 Abs		27.166 %Abs	RK1:28->C02@2	
MCT Std 5	0.371 Abs [0.3705] {0.2 CV}		27.239 %Abs	RK1:28->D02@2	

8/15/2019 3:50:54 PM					
MCT 546 LRB 1	1.474 Abs		108.223 %Abs	RK1:29->E02@2	
MCT 546 LRB 1	1.428 Abs [1.4510] {2.2 CV}		104.846 %Abs [106.535 %Abs]	RK1:29->F02@3	
MCT 546 Low-CV	1.076 Abs		79.001 %Abs	RK1:30->G02@3	
MCT 546 Low-CV	1.002 Abs [1.0390] {5.0 CV}		73.568 %Abs [76.285 %Abs]	RK1:30->H02@3	
MCT 546 LFB 1	0.896 Abs		65.786 %Abs	RK1:31->A03@2	
MCT 546 LFB 1	0.873 Abs [0.8845] {1.8 CV}		64.097 %Abs [64.941 %Abs]	RK1:31->B03@2	

Statistic					
MCT Std 0 [MEAN]	1.3615				
MCT Std 0 [SD]	0.1365				
MCT Std 0 [%CV]	10.0236				
MCT Std 1 [MEAN]	1.2930				
MCT Std 1 [SD]	0.0184				
MCT Std 1 [%CV]	1.4219				
MCT Std 1 [%DIFF]					
MCT Std 2 [MEAN]	0.9845				
MCT Std 2 [SD]	0.0191				
MCT Std 2 [%CV]	1.9392				
MCT Std 2 [%DIFF]					
MCT Std 3 [MEAN]	0.6805				
MCT Std 3 [SD]	0.0219				
MCT Std 3 [%CV]	3.2212				
MCT Std 3 [%DIFF]					
MCT Std 4 [MEAN]	0.5255				

Name	Absorbance	Concentration	Interpretation	Position
MCT Std 4 [SD]	0.0134			
MCT Std 4 [%CV]	2.5566			
MCT Std 4 [%DIFF]				
MCT Std 5 [MEAN]	0.3705			
MCT Std 5 [SD]	0.0007			
MCT Std 5 [%CV]	0.1908			
MCT 546 LRB 1 [MEAN]	1.4510			
MCT 546 LRB 1 [SD]	0.0325			
MCT 546 LRB 1 [%CV]	2.2417			
MCT 546 Low-CV [MEAN]	1.0390			
MCT 546 Low-CV [SD]	0.0523			
MCT 546 Low-CV [%CV]	5.0362			
MCT 546 LFB 1 [MEAN]	0.8845			
MCT 546 LFB 1 [SD]	0.0163			
MCT 546 LFB 1 [%CV]	1.8387			

Assay Curve

$$y = (A-D)/(1+(x/C)^B) + D$$

Weight: NONE

A = 1.3786

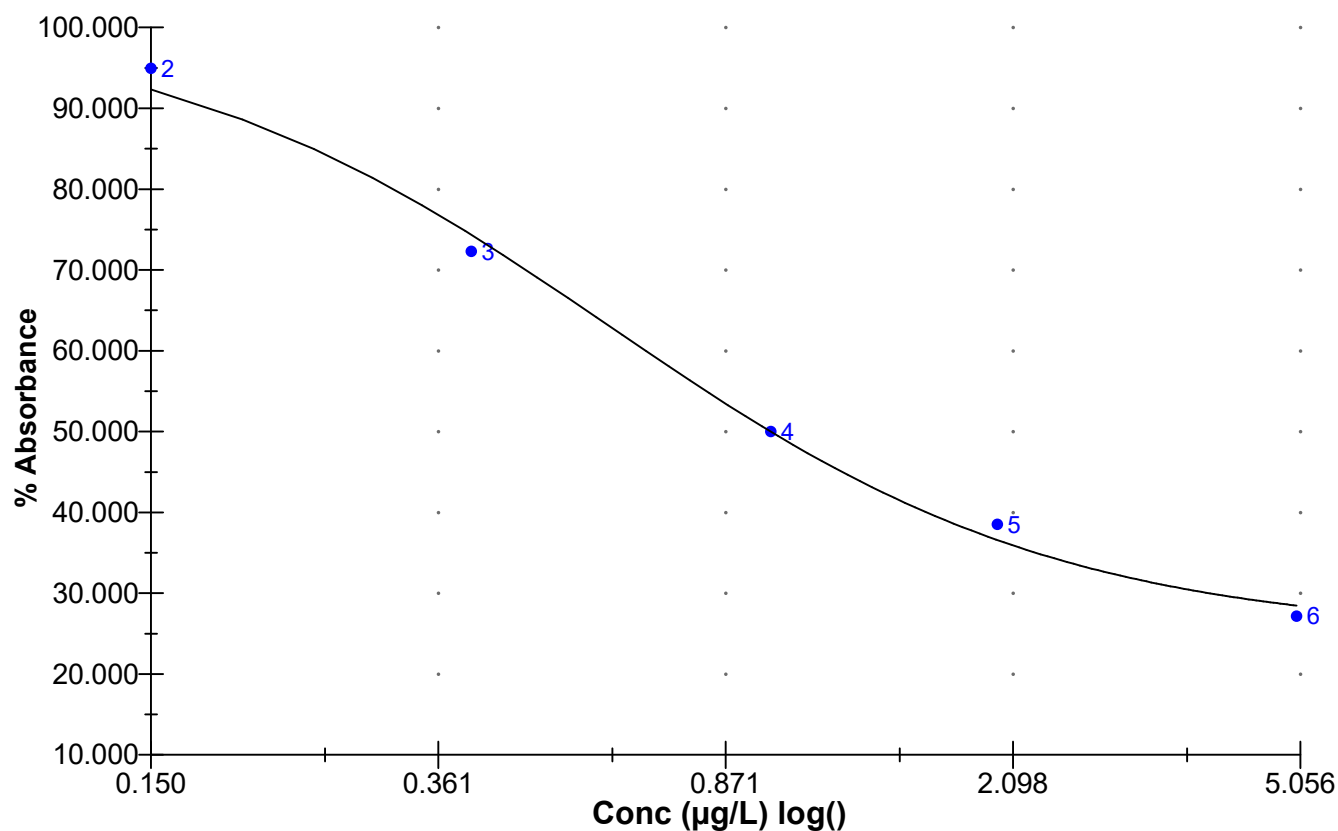
B = 1.4458

C = 0.60888

D = 0.34060

R2 coef = 0.99605

50% = 1.000



Test Information

Request: 8/15/2019 3:50:54 PM
Date: 8/15/2019

Name/ID	Assay	Absorbance	Concentration	Interpretation	Reference	Lot #
MCT Std 0	MICROCYSTINS ADDA 546	1.458 Abs	0.000 µg/L	R^2=0.99605, 107.04		19E9764
MCT Std 0	MICROCYSTINS ADDA 546	1.265 Abs [1.3615] {10.0 CV}	0.143 µg/L [0.072] {1}	R^2=0.99605, 92.878		19E9764
MCT Std 1	MICROCYSTINS ADDA 546	1.280 Abs	0.128 µg/L	R^2=0.99605, 93.979		19E9764
MCT Std 1	MICROCYSTINS ADDA 546	1.306 Abs [1.2930] {1.4 CV}	0.102 µg/L [0.115] {1}	R^2=0.99605, 95.888		19E9764
MCT Std 2	MICROCYSTINS ADDA 546	0.998 Abs	0.417 µg/L	R^2=0.99605, 73.275		19E9764
MCT Std 2	MICROCYSTINS ADDA 546	0.971 Abs [0.9845] {1.9 CV}	0.450 µg/L [0.433] {5}	R^2=0.99605, 71.292		19E9764
MCT Std 3	MICROCYSTINS ADDA 546	0.696 Abs	0.956 µg/L	R^2=0.99605, 51.101		19E9764
MCT Std 3	MICROCYSTINS ADDA 546	0.665 Abs [0.6805] {3.2 CV}	1.050 µg/L [1.003] {6}	R^2=0.99605, 48.825		19E9764
MCT Std 4	MICROCYSTINS ADDA 546	0.535 Abs	1.680 µg/L	R^2=0.99605, 39.280		19E9764
MCT Std 4	MICROCYSTINS ADDA 546	0.516 Abs [0.5255] {2.6 CV}	1.832 µg/L [1.756] {6}	R^2=0.99605, 37.885		19E9764
MCT Std 5	MICROCYSTINS ADDA 546	0.370 Abs	> 5.000 µg/L	27.166 %Abs		19E9764
MCT Std 5	MICROCYSTINS ADDA 546	0.371 Abs [0.3705] {0.2 CV}	> 5.000 µg/L	27.239 %Abs		19E9764
MCT 546 LRB 1	MICROCYSTINS ADDA 546	1.474 Abs	0.000 µg/L	108.223 %Abs		19E9764
MCT 546 LRB 1	MICROCYSTINS ADDA 546	1.428 Abs [1.4510] {2.2 CV}	0.000 µg/L [0.000]	104.846 %Abs [106.5]		19E9764
MCT 546 Low-CV	MICROCYSTINS ADDA 546	1.076 Abs	0.329 µg/L	79.001 %Abs		19E9764
MCT 546 Low-CV	MICROCYSTINS ADDA 546	1.002 Abs [1.0390] {5.0 CV}	0.412 µg/L [0.370] {1}	73.568 %Abs [76.285]		19E9764
MCT 546 LFB 1	MICROCYSTINS ADDA 546	0.896 Abs	0.553 µg/L	65.786 %Abs		19E9764
MCT 546 LFB 1	MICROCYSTINS ADDA 546	0.873 Abs [0.8845] {1.8 CV}	0.588 µg/L [0.571] {4}	64.097 %Abs [64.94]		19E9764

Test Report (by Request)

Test Information

Request: 8/15/2019 4:11:30 PM
Date: 8/15/2019

Name/ID	Assay	Absorbance	Concentration	Interpretation	Reference	Lot #
AB40039LD 10X	MICROCYSTINS ADDA 546	0.796 Abs	7.220 µg/L	HIGH, 58.443 %ABS	0.300 - 5.000	19E9764
AB40039LD 10X	MICROCYSTINS ADDA 546	0.810 Abs [0.8030] {1.2 CV}	6.950 µg/L [7.085] {2.1 CV}	HIGH, 59.471 %ABS	0.300 - 5.000	19E9764
AB40039 10X	MICROCYSTINS ADDA 546	0.803 Abs	7.080 µg/L	HIGH, 58.957 %ABS	0.300 - 5.000	19E9764
AB40039 10X	MICROCYSTINS ADDA 546	0.768 Abs [0.7855] {3.2 CV}	7.790 µg/L [7.435] {6.1 CV}	HIGH, 56.388 %ABS	0.300 - 5.000	19E9764
AB40042 10X	MICROCYSTINS ADDA 546	0.699 Abs	9.480 µg/L	HIGH, 51.322 %ABS	0.300 - 5.000	19E9764
AB40042 10X	MICROCYSTINS ADDA 546	0.612 Abs [0.6555] {9.4 CV}	12.490 µg/L [10.985] {12.1 CV}	HIGH, 44.934 %ABS	0.300 - 5.000	19E9764

David Jordan

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* A - Abs > 3; IA - Initial Abs; DA - Delta Abs; SD - SD of Abs; LR - Linear Range; [...] - Mean result of duplicate tests

* Generated by software version (6.4.1.1065/1085/1.00/0.95) 8/15/2019 4:17:32 PM