



## Cylindrospermopsin ELISA Summary Report

Office of Water Quality - Watershed Assessment and Planning Branch

Sample #	Location	Date Collected	Date Analyzed	Conc. (ppb)
AB48073	Summit Lake - State Park	8/3/2021	8/4/2021	< 0.15
AB48074	Potawatomi Inn's Beach	8/2/2021	8/4/2021	< 0.15
AB48075	Chain O'Lakes SP	8/2/2021	8/4/2021	< 0.15
AB48076	Potato Creek State Park	8/2/2021	8/4/2021	< 0.15
AB48077	Lost Bridge West SRA	8/3/2021	8/4/2021	< 0.15
AB48078	Mississinewa Lake Miami SRA	8/3/2021	8/4/2021	< 0.15
AB48079	Chain O'Lakes (Field Dup)	8/3/2021	8/4/2021	< 0.15
AB48080	Field Blank	8/2/2021	8/4/2021	< 0.15
AB48128	Patoka SRA Beach	8/2/2021	8/4/2021	< 0.15
AB48129	Ft. Ben Harrison SP Dog Lake - East	8/3/2021	8/5/2021	7.99

## Test Information

Request: 8/4/2021 5:58:19 PM  
Date: 8/4/2021 - 8/5/2021

Name/ID	Assay	Absorbance	Concentration	Interpretation	Note	Reference	Lot#
CYL Std 0	CYLINDROSPERMOPSIN	1.151 Abs	0.000 µg/L	R^2=0.99491, 100.8			M21B4676
CYL Std 0	CYLINDROSPERMOPSIN	1.132 Abs [1.1415] {1.2 C	0.004 µg/L [0.002]	R^2=0.99491, 99.21			M21B4676
CYL Std 1	CYLINDROSPERMOPSIN	0.996 Abs	0.038 µg/L	R^2=0.99491, 87.25			M21B4676
CYL Std 1	CYLINDROSPERMOPSIN	0.980 Abs [0.9880] {1.1 C	0.043 µg/L [0.041]	R^2=0.99491, 85.85			M21B4676
CYL Std 2	CYLINDROSPERMOPSIN	0.840 Abs	0.095 µg/L	R^2=0.99491, 73.62			M21B4676
CYL Std 2	CYLINDROSPERMOPSIN	0.786 Abs [0.8130] {4.7 C	0.120 µg/L [0.108]	R^2=0.99491, 68.88			M21B4676
CYL Std 3	CYLINDROSPERMOPSIN	0.572 Abs	0.278 µg/L	R^2=0.99491, 50.13			M21B4676
CYL Std 3	CYLINDROSPERMOPSIN	0.558 Abs [0.5650] {1.8 C	0.293 µg/L [0.285]	R^2=0.99491, 48.90			M21B4676
CYL Std 4	CYLINDROSPERMOPSIN	0.467 Abs	0.422 µg/L	R^2=0.99491, 40.92			M21B4676
CYL Std 4	CYLINDROSPERMOPSIN	0.455 Abs [0.4610] {1.8 C	0.443 µg/L [0.433]	R^2=0.99491, 39.87			M21B4676
CYL Std 5	CYLINDROSPERMOPSIN	0.297 Abs	0.960 µg/L	R^2=0.99491, 26.03			M21B4676
CYL Std 5	CYLINDROSPERMOPSIN	0.303 Abs [0.3000] {1.4 C	0.927 µg/L [0.943]	R^2=0.99491, 26.55			M21B4676
CYL Std 6	CYLINDROSPERMOPSIN	0.188 Abs	> 2.000 µg/L	16.477 %Abs			M21B4676
CYL Std 6	CYLINDROSPERMOPSIN	0.180 Abs [0.1840] {3.1 C	> 2.000 µg/L	15.776 %Abs			M21B4676
CYL QCS	CYLINDROSPERMOPSIN	0.339 Abs	0.759 µg/L	29.711 %Abs			M21B4676
CYL QCS	CYLINDROSPERMOPSIN	0.332 Abs [0.3355] {1.5 C	0.788 µg/L [0.773]	29.097 %Abs [29.4			M21B4676

## Note

Signature

*David Jordan*

David Jordan 8/4/2021

## Test Information

Request: 8/4/2021 5:59:24 PM  
Date: 8/4/2021 - 8/5/2021

Name/ID	Assay	Absorbance	Concentration	Interpretation	Note	Reference	Lot#
LRB (CYL)	CYLINDROSPERMOPSIN	1.137 Abs	0.003 µg/L	Low, 99.649 %Abs		0.050 - 2.000	M21B467f
LRB (CYL)	CYLINDROSPERMOPSIN	1.050 Abs [1.0935] {5.6 C	0.023 µg/L [0.013]			0.050 - 2.000	M21B467f
LFB (CYL)	CYLINDROSPERMOPSIN	0.431 Abs	0.491 µg/L	37.774 %Abs		0.050 - 2.000	M21B467f
LFB (CYL)	CYLINDROSPERMOPSIN	0.404 Abs [0.4175] {4.6 C	0.554 µg/L [0.523]	35.408 %Abs [36.5		0.050 - 2.000	M21B467f
AB48073	CYLINDROSPERMOPSIN	0.924 Abs	0.062 µg/L	80.982 %Abs		0.050 - 2.000	M21B467f
AB48073	CYLINDROSPERMOPSIN	0.931 Abs [0.9275] {0.5 C	0.059 µg/L [0.060]	81.595 %Abs [81.2		0.050 - 2.000	M21B467f
AB48074	CYLINDROSPERMOPSIN	1.003 Abs	0.036 µg/L	Low, 87.905 %Abs		0.050 - 2.000	M21B467f
AB48074	CYLINDROSPERMOPSIN	1.033 Abs [1.0180] {2.1 C	0.028 µg/L [0.032]			0.050 - 2.000	M21B467f
AB48074MS	CYLINDROSPERMOPSIN	0.431 Abs	0.491 µg/L	37.774 %Abs		0.050 - 2.000	M21B467f
AB48074MS	CYLINDROSPERMOPSIN	0.420 Abs [0.4255] {1.8 C	0.515 µg/L [0.503]	36.810 %Abs [37.2		0.050 - 2.000	M21B467f
AB48074MSD	CYLINDROSPERMOPSIN	0.433 Abs	0.487 µg/L	37.949 %Abs		0.050 - 2.000	M21B467f
AB48074MSD	CYLINDROSPERMOPSIN	0.396 Abs [0.4145] {6.3 C	0.574 µg/L [0.530]	34.706 %Abs [36.3		0.050 - 2.000	M21B467f
AB48075	CYLINDROSPERMOPSIN	1.005 Abs	0.036 µg/L	Low, 88.081 %Abs		0.050 - 2.000	M21B467f
AB48075	CYLINDROSPERMOPSIN	1.014 Abs [1.0095] {0.6 C	0.033 µg/L [0.034]			0.050 - 2.000	M21B467f
AB48076	CYLINDROSPERMOPSIN	1.014 Abs	0.033 µg/L	Low, 88.869 %Abs		0.050 - 2.000	M21B467f
AB48076	CYLINDROSPERMOPSIN	1.047 Abs [1.0305] {2.3 C	0.024 µg/L [0.029]			0.050 - 2.000	M21B467f
AB48077	CYLINDROSPERMOPSIN	1.123 Abs	0.006 µg/L	Low, 98.422 %Abs		0.050 - 2.000	M21B467f
AB48077	CYLINDROSPERMOPSIN	1.101 Abs [1.1120] {1.4 C	0.011 µg/L [0.009]			0.050 - 2.000	M21B467f
AB48078	CYLINDROSPERMOPSIN	1.015 Abs	0.033 µg/L	Low, 88.957 %Abs		0.050 - 2.000	M21B467f
AB48078	CYLINDROSPERMOPSIN	1.050 Abs [1.0325] {2.4 C	0.023 µg/L [0.028]			0.050 - 2.000	M21B467f
AB48079	CYLINDROSPERMOPSIN	1.019 Abs	0.032 µg/L	Low, 89.308 %Abs		0.050 - 2.000	M21B467f
AB48079	CYLINDROSPERMOPSIN	1.016 Abs [1.0175] {0.2 C	0.033 µg/L [0.032]			0.050 - 2.000	M21B467f
AB48080	CYLINDROSPERMOPSIN	1.052 Abs	0.023 µg/L	Low, 92.200 %Abs		0.050 - 2.000	M21B467f
AB48080	CYLINDROSPERMOPSIN	1.069 Abs [1.0605] {1.1 C	0.018 µg/L [0.021]			0.050 - 2.000	M21B467f
AB48128	CYLINDROSPERMOPSIN	1.124 Abs	0.005 µg/L	Low, 98.510 %Abs		0.050 - 2.000	M21B467f
AB48128	CYLINDROSPERMOPSIN	1.097 Abs [1.1105] {1.7 C	0.012 µg/L [0.009]			0.050 - 2.000	M21B467f
AB48129	CYLINDROSPERMOPSIN	0.073 Abs	> 2.000 µg/L	6.398 %Abs, Out(Li		0.050 - 2.000	M21B467f
AB48129	CYLINDROSPERMOPSIN	0.067 Abs [0.0700] {6.1 C	> 2.000 µg/L	5.872 %Abs, Out(Li		0.050 - 2.000	M21B467f

## Note

AB48129 was analyzed with a 5X dilution. The sample was reanalyzed with 10X dilution to get final result.

Signature 

David Jordan 8/4/2021

## Assay Information

Assay Name: CYLINDROSPERMOPSIN\_  
Version: 2  
Temperature: Room Temperature  
Last Modified By: Security disabled  
Units: µg/L  
Assay Description: PN 522011  
Assay Substances: Controls:

Assay Mode: 4-Parameter Logistic Weight by:None  
Well Type: Flat bottom  
Last Modified On: 9/30/2020 10:05:41 AM  
Normal: 0.050 - 2.000  
# of decimals: 3  
Kit Lot Number: M21B4676

CYL QCS  
Standards:

CYL Std 0, Concentration = 0.000, Minimum number to use: 2  
CYL Std 1, Concentration = 0.050, Minimum number to use: 2  
CYL Std 2, Concentration = 0.100, Minimum number to use: 2  
CYL Std 3, Concentration = 0.250, Minimum number to use: 2  
CYL Std 4, Concentration = 0.500, Minimum number to use: 2  
CYL Std 5, Concentration = 1.000, Minimum number to use: 2  
CYL Std 6, Concentration = 2.000, Minimum number to use: 2  
Curve valid interval: 1 days 0 hours  
Axis Mode: Y = Abs, X = Log(Conc)

## Assay Calibration

Current Calibration Status: "

"

Name	Absorbance	Concentration	Interpretation	Position
8/4/2021 5:58:19 PM				
CYL Std 0	1.151 Abs	0.000 µg/L	R <sup>2</sup> =0.99491, 100.876 %Abs	RK1:32->A07@2
CYL Std 0	1.132 Abs [1.1415] {1.2 CV}	0.004 µg/L [0.002] {141.4 CV}	R <sup>2</sup> =0.99491, 99.211 %Abs	RK1:32->B07@2
CYL Std 1	0.996 Abs	0.038 µg/L	R <sup>2</sup> =0.99491, 87.292 %Abs	RK1:33->C07@2
CYL Std 1	0.980 Abs [0.9880] {1.1 CV}	0.043 µg/L [0.041] {8.7 CV}	R <sup>2</sup> =0.99491, 85.890 %Abs	RK1:33->D07@2
CYL Std 2	0.840 Abs	0.095 µg/L	R <sup>2</sup> =0.99491, 73.620 %Abs	RK1:34->E07@2
CYL Std 2	0.786 Abs [0.8130] {4.7 CV}	0.120 µg/L [0.108] {16.4 CV}	R <sup>2</sup> =0.99491, 68.887 %Abs	RK1:34->F07@3
CYL Std 3	0.572 Abs	0.278 µg/L	R <sup>2</sup> =0.99491, 50.131 %Abs	RK1:35->G07@3
CYL Std 3	0.558 Abs [0.5650] {1.8 CV}	0.293 µg/L [0.285] {3.7 CV}	R <sup>2</sup> =0.99491, 48.904 %Abs	RK1:35->H07@3
CYL Std 4	0.467 Abs	0.422 µg/L	R <sup>2</sup> =0.99491, 40.929 %Abs	RK1:36->A08@2
CYL Std 4	0.455 Abs [0.4610] {1.8 CV}	0.443 µg/L [0.433] {3.4 CV}	R <sup>2</sup> =0.99491, 39.877 %Abs	RK1:36->B08@2
CYL Std 5	0.297 Abs	0.960 µg/L	R <sup>2</sup> =0.99491, 26.030 %Abs	RK1:37->C08@2
CYL Std 5	0.303 Abs [0.3000] {1.4 CV}	0.927 µg/L [0.943] {2.5 CV}	R <sup>2</sup> =0.99491, 26.556 %Abs	RK1:37->D08@2
CYL Std 6	0.188 Abs	> 2.000 µg/L	16.477 %Abs	RK1:38->E08@2
CYL Std 6	0.180 Abs [0.1840] {3.1 CV}	> 2.000 µg/L	15.776 %Abs	RK1:38->F08@3
*****				
8/4/2021 5:58:19 PM				
CYL QCS	0.339 Abs	0.759 µg/L	29.711 %Abs	RK1:39->G08@3
CYL QCS	0.332 Abs [0.3355] {1.5 CV}	0.788 µg/L [0.773] {2.7 CV}	29.097 %Abs [29.404 %Abs]	RK1:39->H08@3
*****				
Statistic				
CYL Std 0 [MEAN]	1.1415	0.0020		
CYL Std 0 [SD]	0.0134	0.0028		
CYL Std 0 [%CV]	1.1770	141.4214		
CYL Std 1 [MEAN]	0.9880	0.0405		
CYL Std 1 [SD]	0.0113	0.0035		
CYL Std 1 [%CV]	1.1451	8.7297		
CYL Std 1 [%DIFF]		-19.0000		
CYL Std 2 [MEAN]	0.8130	0.1075		
CYL Std 2 [SD]	0.0382	0.0177		
CYL Std 2 [%CV]	4.6966	16.4443		
CYL Std 2 [%DIFF]		7.5000		
CYL Std 3 [MEAN]	0.5650	0.2855		
CYL Std 3 [SD]	0.0099	0.0106		
CYL Std 3 [%CV]	1.7521	3.7151		
CYL Std 3 [%DIFF]		14.2000		
CYL Std 4 [MEAN]	0.4610	0.4325		
CYL Std 4 [SD]	0.0085	0.0148		
CYL Std 4 [%CV]	1.8406	3.4334		
CYL Std 4 [%DIFF]		-13.5000		

Name	Absorbance	Concentration	Interpretation	Position
CYL Std 5 [MEAN]	0.3000	0.9435		
CYL Std 5 [SD]	0.0042	0.0233		
CYL Std 5 [%CV]	1.4142	2.4732		
CYL Std 5 [%DIFF]		-5.6500		
CYL Std 6 [MEAN]	0.1840			
CYL Std 6 [SD]	0.0057			
CYL Std 6 [%CV]	3.0744			
CYL QCS [MEAN]	0.3355	0.7735		
CYL QCS [SD]	0.0049	0.0205		
CYL QCS [%CV]	1.4753	2.6511		

#### Assay Curve

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

Weight: NONE

A = 1.1493

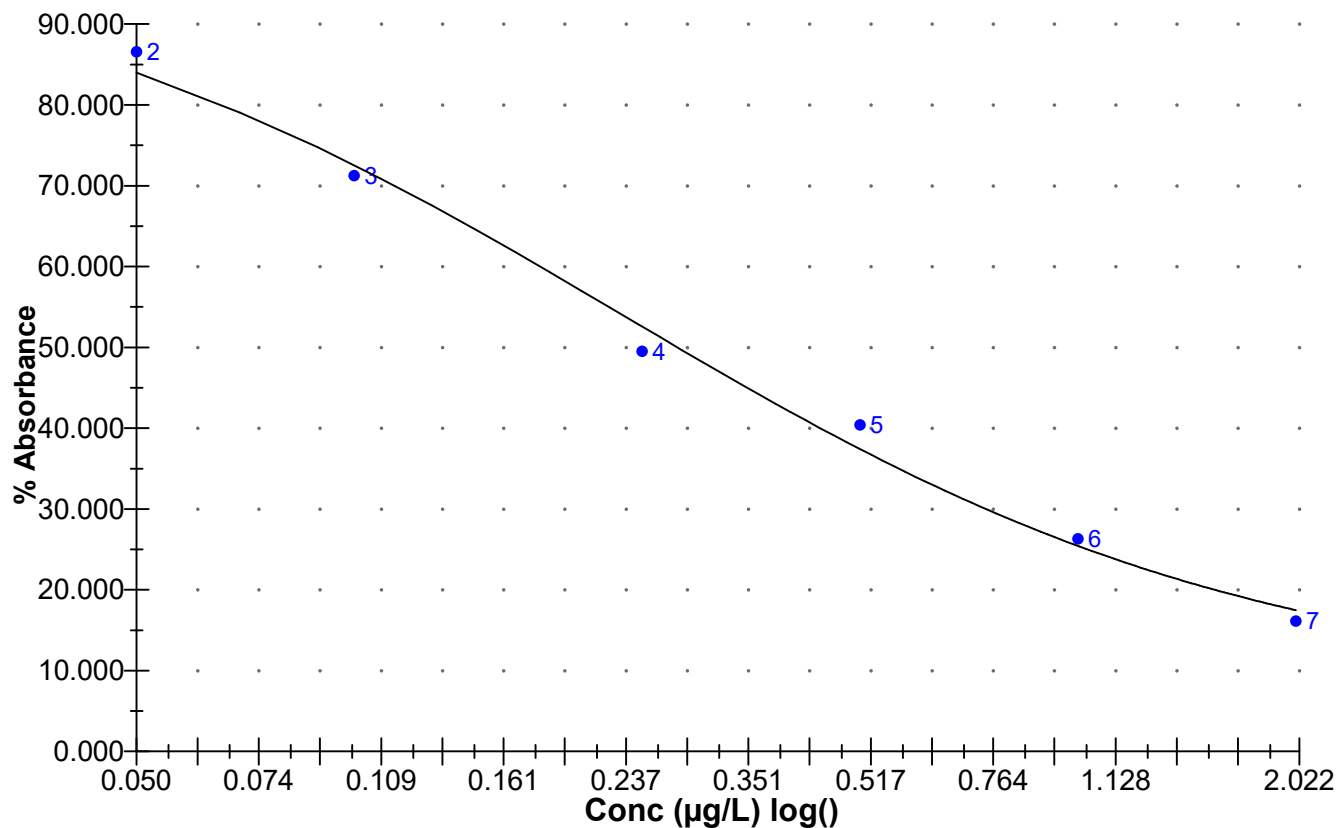
B = 0.98516

C = 0.23411

D = 0.084792

R2 coef = 0.99491

50% = 0.280



# Test Report (by Request)

## Test Information

Request: 8/5/2021 11:42:21 AM  
Date: 8/5/2021 - 8/5/2021

Name/ID	Assay	Absorbance	Concentration	Interpretation	Note	Reference	Lot#
CYL Std 0	CYLINDROSPERMOPSIN	1.128 Abs	0.000 µg/L	R^2=0.99972, 100.1			M21B4676
CYL Std 0	CYLINDROSPERMOPSIN	1.124 Abs [1.1260] {0.3 C	0.001 µg/L [0.001]	R^2=0.99972, 99.82			M21B4676
CYL Std 1	CYLINDROSPERMOPSIN	0.973 Abs	0.045 µg/L	R^2=0.99972, 86.41			M21B4676
CYL Std 1	CYLINDROSPERMOPSIN	0.958 Abs [0.9655] {1.1 C	0.050 µg/L [0.047]	R^2=0.99972, 85.08			M21B4676
CYL Std 2	CYLINDROSPERMOPSIN	0.857 Abs	0.090 µg/L	R^2=0.99972, 76.11			M21B4676
CYL Std 2	CYLINDROSPERMOPSIN	0.812 Abs [0.8345] {3.8 C	0.112 µg/L [0.101]	R^2=0.99972, 72.11			M21B4676
CYL Std 3	CYLINDROSPERMOPSIN	0.623 Abs	0.241 µg/L	R^2=0.99972, 55.32			M21B4676
CYL Std 3	CYLINDROSPERMOPSIN	0.585 Abs [0.6040] {4.4 C	0.278 µg/L [0.259]	R^2=0.99972, 51.95			M21B4676
CYL Std 4	CYLINDROSPERMOPSIN	0.447 Abs	0.475 µg/L	R^2=0.99972, 39.65			M21B4676
CYL Std 4	CYLINDROSPERMOPSIN	0.435 Abs [0.4410] {1.9 C	0.499 µg/L [0.487]	R^2=0.99972, 38.63			M21B4676
CYL Std 5	CYLINDROSPERMOPSIN	0.299 Abs	0.944 µg/L	R^2=0.99972, 26.55			M21B4676
CYL Std 5	CYLINDROSPERMOPSIN	0.286 Abs [0.2925] {3.1 C	1.015 µg/L [0.979]	R^2=0.99972, 25.40			M21B4676
CYL Std 6	CYLINDROSPERMOPSIN	0.185 Abs	> 2.000 µg/L	16.430 %Abs			M21B4676
CYL Std 6	CYLINDROSPERMOPSIN	0.184 Abs [0.1845] {0.4 C	> 2.000 µg/L	16.341 %Abs			M21B4676
CYL QCS	CYLINDROSPERMOPSIN	0.358 Abs	0.701 µg/L	31.794 %Abs			M21B4676
CYL QCS	CYLINDROSPERMOPSIN	0.365 Abs [0.3615] {1.4 C	0.678 µg/L [0.689]	32.416 %Abs [32.1			M21B4676

## Note

Signature

*David Jordan*

David Jordan 8/5/2021

# Test Report (by Request)

## Test Information

Request: 8/5/2021 11:42:37 AM  
Date: 8/5/2021 - 8/5/2021

Name/ID	Assay	Absorbance	Concentration	Interpretation	Note	Reference	Lot#
LRB (CYL)	CYLINDROSPERMOPSIN	1.089 Abs	0.010 µg/L	Low, 96.714 %Abs		0.050 - 2.000	M21B4676
LRB (CYL)	CYLINDROSPERMOPSIN	1.089 Abs [1.0890] {0.0 C	0.010 µg/L [0.010]			0.050 - 2.000	M21B4676
LFB (CYL)	CYLINDROSPERMOPSIN	0.392 Abs	0.600 µg/L	34.813 %Abs		0.050 - 2.000	M21B4676
LFB (CYL)	CYLINDROSPERMOPSIN	0.386 Abs [0.3890] {1.1 C	0.616 µg/L [0.608]	34.281 %Abs [34.5		0.050 - 2.000	M21B4676
AB48129	CYLINDROSPERMOPSIN	0.335 Abs	0.783 µg/L	29.751 %Abs		0.050 - 2.000	M21B4676
AB48129	CYLINDROSPERMOPSIN	0.327 Abs [0.3310] {1.7 C	0.815 µg/L [0.799]	29.041 %Abs [29.3		0.050 - 2.000	M21B4676

## Note

AB48129 was analyzed with 10X dilution. The concentration was multiplied by 10 to get the final result.

Signature

*David Jordan*

David Jordan 8/5/2021

## Assay Information

Assay Name: CYLINDROSPERMOPSIN\_

Version: 2

Temperature: Room Temperature

Last Modified By: Security disabled

Units: µg/L

Assay Description: PN 522011

Assay Substances: Controls:  
CYL QCS

Standards:

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

CYL Std 1, Concentration = 0.050, Minimum number to use: 2

CYL Std 2, Concentration = 0.100, Minimum number to use: 2

CYL Std 3, Concentration = 0.250, Minimum number to use: 2

CYL Std 4, Concentration = 0.500, Minimum number to use: 2

CYL Std 5, Concentration = 1.000, Minimum number to use: 2

CYL Std 6, Concentration = 2.000, 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: 9/30/2020 10:05:41 AM

Normal: 0.050 - 2.000

# of decimals: 3

Kit Lot Number: M21B4676

## Assay Calibration

Current Calibration Status: "

"

Name	Absorbance	Concentration	Interpretation	Position
8/5/2021 11:42:21 AM				
CYL Std 0	1.128 Abs	0.000 µg/L	R^2=0.99972, 100.178 %Abs	RK1:23->A01@2
CYL Std 0	1.124 Abs [1.1260] {0.3 CV}	0.001 µg/L [0.001] {141.4 CV}	R^2=0.99972, 99.822 %Abs	RK1:23->B01@2
CYL Std 1	0.973 Abs	0.045 µg/L	R^2=0.99972, 86.412 %Abs	RK1:24->C01@2
CYL Std 1	0.958 Abs [0.9655] {1.1 CV}	0.050 µg/L [0.047] {7.4 CV}	R^2=0.99972, 85.080 %Abs	RK1:24->D01@2
CYL Std 2	0.857 Abs	0.090 µg/L	R^2=0.99972, 76.110 %Abs	RK1:25->E01@2
CYL Std 2	0.812 Abs [0.8345] {3.8 CV}	0.112 µg/L [0.101] {15.4 CV}	R^2=0.99972, 72.114 %Abs	RK1:25->F01@3
CYL Std 3	0.623 Abs	0.241 µg/L	R^2=0.99972, 55.329 %Abs	RK1:26->G01@3
CYL Std 3	0.585 Abs [0.6040] {4.4 CV}	0.278 µg/L [0.259] {10.1 CV}	R^2=0.99972, 51.954 %Abs	RK1:26->H01@3
CYL Std 4	0.447 Abs	0.475 µg/L	R^2=0.99972, 39.698 %Abs	RK1:27->A02@2
CYL Std 4	0.435 Abs [0.4410] {1.9 CV}	0.499 µg/L [0.487] {3.5 CV}	R^2=0.99972, 38.632 %Abs	RK1:27->B02@2
CYL Std 5	0.299 Abs	0.944 µg/L	R^2=0.99972, 26.554 %Abs	RK1:28->C02@2
CYL Std 5	0.286 Abs [0.2925] {3.1 CV}	1.015 µg/L [0.979] {5.1 CV}	R^2=0.99972, 25.400 %Abs	RK1:28->D02@2
CYL Std 6	0.185 Abs	> 2.000 µg/L	16.430 %Abs	RK1:29->E02@2
CYL Std 6	0.184 Abs [0.1845] {0.4 CV}	> 2.000 µg/L	16.341 %Abs	RK1:29->F02@3
*****				
8/5/2021 11:42:21 AM				
CYL QCS	0.358 Abs	0.701 µg/L	31.794 %Abs	RK1:30->G02@3
CYL QCS	0.365 Abs [0.3615] {1.4 CV}	0.678 µg/L [0.689] {2.4 CV}	32.416 %Abs [32.105 %Abs]	RK1:30->H02@3
*****				
Statistic				
CYL Std 0 [MEAN]	1.1260	0.0005		
CYL Std 0 [SD]	0.0028	0.0007		
CYL Std 0 [%CV]	0.2512	141.4214		
CYL Std 1 [MEAN]	0.9655	0.0475		
CYL Std 1 [SD]	0.0106	0.0035		
CYL Std 1 [%CV]	1.0986	7.4432		
CYL Std 1 [%DIFF]		-5.0000		
CYL Std 2 [MEAN]	0.8345	0.1010		
CYL Std 2 [SD]	0.0318	0.0156		
CYL Std 2 [%CV]	3.8130	15.4023		
CYL Std 2 [%DIFF]		1.0000		
CYL Std 3 [MEAN]	0.6040	0.2595		
CYL Std 3 [SD]	0.0269	0.0262		
CYL Std 3 [%CV]	4.4487	10.0821		
CYL Std 3 [%DIFF]		3.8000		
CYL Std 4 [MEAN]	0.4410	0.4870		
CYL Std 4 [SD]	0.0085	0.0170		
CYL Std 4 [%CV]	1.9241	3.4847		
CYL Std 4 [%DIFF]		-2.6000		



Name	Absorbance	Concentration	Interpretation	Position	
CYL Std 5 [MEAN]	0.2925	0.9795			
CYL Std 5 [SD]	0.0092	0.0502			
CYL Std 5 [%CV]	3.1427	5.1255			
CYL Std 5 [%DIFF]		-2.0500			
CYL Std 6 [MEAN]	0.1845				
CYL Std 6 [SD]	0.0007				
CYL Std 6 [%CV]	0.3833				
CYL QCS [MEAN]	0.3615	0.6895			
CYL QCS [SD]	0.0049	0.0163			
CYL QCS [%CV]	1.3692	2.3587			

#### Assay Curve

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

Weight: NONE

A = 1.1282

B = 0.99137

C = 0.26756

D = 0.061485

R2 coef = 0.99972

50% = 0.302

