

Daily Analysis Runlog For Sequence/QC Batch ID # LB91339

Review By		Review On				
SubDirectory		LB91339		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP59384,WP59385,WP59386,WP59387,WP59388,WP59389,WP59390				
ICV Standard		W1541				
CCV Standard		WP59391				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP55836,WP55355,WP59392				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/03/17 10:28		OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/03/17 10:28		OK
3	10PPBCN	10PPBCN	CAL3	11/03/17 10:28		OK
4	50PPBCN	50PPBCN	CAL4	11/03/17 10:28		OK
5	100PPBCN	100PPBCN	CAL5	11/03/17 10:28		OK
6	250PPBCN	250PPBCN	CAL6	11/03/17 10:28		OK
7	500PPBCN	500PPBCN	CAL7	11/03/17 10:28		OK
8	ICV1	ICV1	ICV	11/03/17 13:59		OK
9	ICB1	ICB1	ICB	11/03/17 13:59		OK
10	CCV1	CCV1	CCV	11/03/17 13:59		OK
11	CCB1	CCB1	CCB	11/03/17 13:59		OK
12	PB103931BL	PB103931BL	MB	11/03/17 13:59		OK
13	PB103931BS	PB103931BS	LCS	11/03/17 14:00		OK
14	MIDPB103931	MIDPB103931	SAM	11/03/17 14:00		OK
15	I6276-01	EFF-WW	SAM	11/03/17 14:05		OK
16	I6276-01DUP	EFF-WWDUP	DUP	11/03/17 14:05		OK
17	I6276-01MS	EFF-WWMS	MS	11/03/17 14:05		OK
18	I6276-01MSD	EFF-WWMSD	MSD	11/03/17 14:05		OK
19	CCV2	CCV2	CCV	11/03/17 14:05		OK
20	CCB2	CCB2	CCB	11/03/17 14:05		OK



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	11/1/2017 12:00:00 AM
Project:	LB91339	Date Received:	11/1/2017 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	LB91339
Lab Sample ID:	I6276-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.00022	U	1	0.001		0.005	mg/L	11/02/2017	11/03/2017	SM4500-CN C, ¹



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	
Project:	LB91339	Date Received:	
Client Sample ID:	MIDPB103931	SDG No.:	LB91339
Lab Sample ID:	MIDPB103931	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.25		1	0.001		0.005	mg/L		11/03/2017	SM4500-CN C, I



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	
Project:	LB91339	Date Received:	
Client Sample ID:	MIDPB103931	SDG No.:	LB91339
Lab Sample ID:	MIDPB103931	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
-----	-----------	-------	------	----	-----	-----	------------	-------	-----------	-----------	----------

Color Before:	Clarity Before:	Texture:
Color After:	Clarity After:	Artifacts:
Comments:		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB91339

SDG No.: LB91339

Contract: _____

Lab Code: CHEM

Case No.: LB91339

SAS No.: LB91339

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Cyanide	0.098	0.099	99	0	85 - 115		11/03/2017	13:59	LB91339



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB91339

SDG No.: LB91339

Contract: _____ Lab Code: CHEM

Case No.: LB91339

SAS No.: LB91339

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Cyanide	0.24	0.25	96	0	90 - 110		11/03/2017	13:59	LB91339
CCV2	Cyanide	0.26	0.25	104	0	90 - 110		11/03/2017	14:05	LB91339



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91339 **SDG No.:** LB91339
Contract: **Lab Code:** CHEM **Case No.:** LB91339 **SAS No.:** LB91339

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	-0.00017	+/-0.005	U		0.005		11/03/2017	13:59	LB91339



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91339

SDG No.: LB91339

Contract:

Lab Code: CHEM

Case No.: LB91339

SAS No.: LB91339

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00023	+/-0.005	U		0.005		11/03/2017	13:59	LB91339
CCB2	Cyanide	0.0001	+/-0.005	U		0.005		11/03/2017	14:05	LB91339



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91339

SDG No.: LB91339

Contract: Lab Code: CHEM

Case No.: LB91339

SAS No.: LB91339

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
-----------	---------	----------------	---------------------	--------------	-----	------	---	------------------	------------------	---------------



GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB91339

SDG No.: LB91339

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB103931BL	Cyanide	WATER -0.00027	<0.005	Batch Number: U		PB103931 0.005		Prep Date: 11/03/2017	11/02/2017 13:59	LB91339



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB91339 level: low sdg no.: LB91339
contract: lab code: CHEM case no.: LB91339 sas no.: LB91339
matrix: WATER sample id: I6276-01 client id: EFF-WWMS
Percent Solids for Sample: 0 Spiked ID: I6276-01MS Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/L	75 - 125	0.037		0.001	U	0.04	92.5		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB91339 level: low sdg no.: LB91339
contract: lab code: CHEM case no.: LB91339 sas no.: LB91339
matrix: WATER sample id: I6276-01 client id: EFF-WWMSD
Percent Solids for Sample: 0 Spiked ID: I6276-01MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/L	75 - 125	0.038		0.001	U	0.04	95		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB91339 **Level:** LOW **SDG No.:** LB91339
Contract: **Lab Code:** CHEM **Case No.:** LB91339 **SAS No.:** LB91339
Matrix: WATER **Sample ID:** I6276-01 **Client ID:** EFF-WWDUP
Percent Solids for Sample: 0 **Duplicate ID** I6276-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.001	U	0.00046	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB91339 **Level:** LOW **SDG No.:** LB91339
Contract: **Lab Code:** CHEM **Case No.:** LB91339 **SAS No.:** LB91339
Matrix: WATER **Sample ID:** I6276-01MS **Client ID:** EFF-WWMSD
Percent Solids for Sample: 0 **Duplicate ID** I6276-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.037		0.038		3		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB91339

SDG No.: LB91339

Contract:

Lab Code: CHEM

Case No.: LB91339

SAS No.: LB91339

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB103931BS Cyanide	mg/L	0.1	0.097		97	85 - 115	