

Daily Analysis Runlog For Sequence/QC Batch ID # LB94682

Review By		Review On				
SubDirectory		LB94682		Test : Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP63760,WP63761,WP63762,WP63763,WP63764,WP63765,WP63766
ICV Standard	W1542
CCV Standard	WP63767
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP62802
Chk Standard	WP63769,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/17/18 09:52		
2	5.0PPBCN	5.0PPBCN	CAL2	04/17/18 09:52		
3	10PPBCN	10PPBCN	CAL3	04/17/18 09:52		
4	50PPBCN	50PPBCN	CAL4	04/17/18 09:52		
5	100PPBCN	100PPBCN	CAL5	04/17/18 09:52		
6	250PPBCN	250PPBCN	CAL6	04/17/18 09:52		
7	500PPBCN	500PPBCN	CAL7	04/17/18 09:52		
8	ICV1	ICV1	ICV	04/17/18 14:28		
9	ICB1	ICB1	ICB	04/17/18 14:28		
10	CCV1	CCV1	CCV	04/17/18 14:28		
11	CCB1	CCB1	CCB	04/17/18 14:28		
12	PB108260BL	PB108260BL	MB	04/17/18 14:28		
13	PB108260BS	PB108260BS	LCS	04/17/18 14:28		
14	MIDPB108260	MIDPB108260	SAM	04/17/18 14:28		
15	J2397-01	EFF-WW	SAM	04/17/18 14:28		
16	J2397-01DUP	EFF-WWDUP	DUP	04/17/18 14:28		
17	J2397-01MS	EFF-WWMS	MS	04/17/18 14:28		
18	J2397-01MSD	EFF-WWMSD	MSD	04/17/18 14:28		
19	J2409-02	CYANIDE	SAM	04/17/18 14:32		
20	CCV2	CCV2	CCV	04/17/18 14:32		
21	CCB2	CCB2	CCB	04/17/18 14:32		



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

Report of Analysis

Client:		Date Collected:	4/13/2018 12:00:00 AM
Project:	LB94682	Date Received:	4/13/2018 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	LB94682
Lab Sample ID:	J2397-01	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	0.00047	U	1	0.001		0.005	mg/L	04/17/2018	04/17/2018	SM4500-CN C, ¹



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

Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94682	Date Received:	4/16/2018 12:00:00 AM
Client Sample ID:	CYANIDE	SDG No.:	LB94682
Lab Sample ID:	J2409-02	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	0.034		1	0.001		0.005	mg/L	04/17/2018	04/17/2018	SM4500-CN C, ¹



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

Report of Analysis

Client:		Date Collected:	
Project:	LB94682	Date Received:	
Client Sample ID:	MIDPB108260	SDG No.:	LB94682
Lab Sample ID:	MIDPB108260	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	0.24		1	0.001		0.005	mg/L		04/17/2018	SM4500-CN C, ¹



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

Report of Analysis

Client:		Date Collected:	
Project:	LB94682	Date Received:	
Client Sample ID:	MIDPB108260	SDG No.:	LB94682
Lab Sample ID:	MIDPB108260	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: LB94682

SDG No.: LB94682

Contract: _____ **Lab Code:** CHEM

Case No.: LB94682

SAS No.: LB94682

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Cyanide	0.094	0.099	94.9		85 - 115		04/17/2018	14:28	lb94682

Sample ID	Analyte	Result	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		mg/L								
CCV1	Cyanide	0.24	0.25	96		90 - 110		04/17/2018	14:28	1b94682
CCV2	Cyanide	0.26	0.25	104		90 - 110		04/17/2018	14:32	1b94682



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94682

SDG No.: LB94682

Contract:

Lab Code: CHEM

Case No.: LB94682

SAS No.: LB94682

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	-0.00028	+/-0.005	U		0.005		04/17/2018	14:28	1b94682



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94682

SDG No.: LB94682

Contract:

Lab Code: CHEM

Case No.: LB94682

SAS No.: LB94682

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	-0.00036	+/-0.005	U		0.005		04/17/2018	14:28	1b94682
CCB2	Cyanide	-0.0007	+/-0.005	U		0.005		04/17/2018	14:32	1b94682



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94682

SDG No.: LB94682

Contract: Lab Code: CHEM

Case No.: LB94682

SAS No.: LB94682

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: LB94682

SDG No.: LB94682

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
PB108260BL	Cyanide	WATER -0.00035	<0.005	Batch Number: U		PB108260 0.005		Prep Date: 04/17/2018	04/17/2018 14:28	lb94682



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB94682 level: low sdg no.: LB94682
contract: lab code: CHEM case no.: LB94682 sas no.: LB94682
matrix: WATER sample id: J2397-01 client id: EFF-WWMS
Percent Solids for Sample: 0 Spiked ID: J2397-01MS 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	0.0079		0.001	U	0.04	19.8	*	



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94682 level: low sdg no.: LB94682
contract: lab code: CHEM case no.: LB94682 sas no.: LB94682
matrix: WATER sample id: J2397-01 client id: EFF-WWMSD
Percent Solids for Sample: 0 Spiked ID: J2397-01MSD 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	0.0076		0.001	U	0.04	19	*	

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94682 **Level:** LOW **SDG No.:** LB94682
Contract: **Lab Code:** CHEM **Case No.:** LB94682 **SAS No.:** LB94682
Matrix: WATER **Sample ID:** J2397-01 **Client ID:** EFF-WWDUP
Percent Solids for Sample: 0 **Duplicate ID** J2397-01DUP **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	-0.00047	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94682 **Level:** LOW **SDG No.:** LB94682
Contract: **Lab Code:** CHEM **Case No.:** LB94682 **SAS No.:** LB94682
Matrix: WATER **Sample ID:** J2397-01MS **Client ID:** EFF-WWMSD
Percent Solids for Sample: 0 **Duplicate ID** J2397-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.0079		0.0076		4		

