

Daily Analysis Runlog For Sequence/QC Batch ID # LB93404

Review By

Review On

SubDirectory

LB93404

Test :

Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP62113,WP62114,WP62115,WP62116,WP62117,WP62120				
ICV Standard		WP62118				
CCV Standard		WP62119				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP62131,WP59958,WP58653				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	S0.0	S0.0	CAL1	02/20/18 14:00		OK
2	S5.0	S5.0	CAL2	02/20/18 14:00		OK
3	S10.0	S10.0	CAL3	02/20/18 14:00		OK
4	S100.0	S100.0	CAL4	02/20/18 14:00		OK
5	S250.0	S250.0	CAL5	02/20/18 14:00		OK
6	S500.0	S500.0	CAL6	02/20/18 14:00		OK
7	ICV	ICV	ICV	02/20/18 14:31		OK
8	ICB	ICB	ICB	02/20/18 14:31		OK
9	CCV001	CCV001	CCV	02/20/18 14:31		OK
10	CCB001	CCB001	CCB	02/20/18 14:31		OK
11	PB106691BL	PBW005	MB	02/20/18 14:31		OK
12	J1571-01	ME62G2	SAM	02/20/18 14:31		OK
13	J1571-02	ME62G4	SAM	02/20/18 14:32		OK
14	J1571-03	ME62H8	SAM	02/20/18 14:32		OK
15	J1571-04	ME62K3	SAM	02/20/18 14:32		OK
16	J1571-05	ME62K8	SAM	02/20/18 14:32		OK
17	J1571-06	ME62K8D	DUP	02/20/18 14:32		OK
18	J1571-07	ME62K8S	MS	02/20/18 14:36		OK
19	J1571-08	ME62L9	SAM	02/20/18 14:36		OK
20	J1571-09	ME62M5	SAM	02/20/18 14:36		OK
21	CCV002	CCV002	CCV	02/20/18 14:36		OK



Instrument ID : CN

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Daily Analysis Runlog For Sequence/QC Batch ID # LB93404

Review By		Review On				
SubDirectory		Test : Cyanide				
LB93404						
STD. NAME		STD REF.#				
ICAL Standard		WP62113,WP62114,WP62115,WP62116,WP62117,WP62120				
ICV Standard		WP62118				
CCV Standard		WP62119				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP62131,WP59958,WP58653				
22	CCB002	CCB002	CCB	02/20/18 14:36		OK



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

Report of Analysis

Client:		Date Collected:	2/8/2018 12:00:00 AM
Project:	LB93404	Date Received:	2/15/2018 12:00:00 AM
Client Sample ID:	ME62G2	SDG No.:	LB93404
Lab Sample ID:	J1571-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.086	U	1	2.1	5	10	ug/L	02/20/2018	02/20/2018	ISM02.4_CN



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

Report of Analysis

Client:		Date Collected:	2/8/2018 12:00:00 AM
Project:	LB93404	Date Received:	2/15/2018 12:00:00 AM
Client Sample ID:	ME62G4	SDG No.:	LB93404
Lab Sample ID:	J1571-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.014	U	1	2.1	5	10	ug/L	02/20/2018	02/20/2018	ISM02.4_CN



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

Report of Analysis

Client:		Date Collected:	2/12/2018 12:00:00 AM
Project:	LB93404	Date Received:	2/15/2018 12:00:00 AM
Client Sample ID:	ME62H8	SDG No.:	LB93404
Lab Sample ID:	J1571-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	2.1	5	10	ug/L	02/20/2018	02/20/2018	ISM02.4_CN



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

Report of Analysis

Client:		Date Collected:	2/13/2018 12:00:00 AM
Project:	LB93404	Date Received:	2/15/2018 12:00:00 AM
Client Sample ID:	ME62K3	SDG No.:	LB93404
Lab Sample ID:	J1571-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	2.1	5	10	ug/L	02/20/2018	02/20/2018	ISM02.4_CN



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

Report of Analysis

Client:		Date Collected:	2/14/2018 12:00:00 AM
Project:	LB93404	Date Received:	2/20/2018 12:00:00 AM
Client Sample ID:	ME62K8	SDG No.:	LB93404
Lab Sample ID:	J1571-05	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	2.1	5	10	ug/L	02/20/2018	02/20/2018	ISM02.4_CN



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

Report of Analysis

Client:		Date Collected:	2/15/2018 12:00:00 AM
Project:	LB93404	Date Received:	2/20/2018 12:00:00 AM
Client Sample ID:	ME62L9	SDG No.:	LB93404
Lab Sample ID:	J1571-08	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	2.1	5	10	ug/L	02/20/2018	02/20/2018	ISM02.4_CN



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

Report of Analysis

Client:		Date Collected:	2/15/2018 12:00:00 AM
Project:	LB93404	Date Received:	2/20/2018 12:00:00 AM
Client Sample ID:	ME62M5	SDG No.:	LB93404
Lab Sample ID:	J1571-09	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	2.1	5	10	ug/L	02/20/2018	02/20/2018	ISM02.4_CN



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

Report of Analysis

Client:		Date Collected:	2/15/2018 12:00:00 AM
Project:	LB93404	Date Received:	2/20/2018 12:00:00 AM
Client Sample ID:	ME62M5	SDG No.:	LB93404
Lab Sample ID:	J1571-09	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

FORM 15-IN
INITIAL CALIBRATION

Lab Name: LB93404 Contract: _____
Lab Code: CHEM Case No.: LB93404 MA No.: _____ SDG No.: LB93404
Instrument ID: CN Start Date: 02/20/2018
Analytical Method: _____ Run Batch: LB93404.mdb
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Cyanide	0	0	0	5	4.9	-2	10	8.7	-13

FORM 15-IN
INITIAL CALIBRATION

Lab Name: LB93404 Contract: _____
Lab Code: CHEM Case No.: LB93404 MA No.: _____ SDG No.: LB93404
Instrument ID: CN Start Date: 02/20/2018
Analytical Method: _____ Run Batch: LB93404.mdb
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Cyanide	100	104	4	250	248	-1	500	500	0



Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93404

SDG No.: LB93404

Contract: _____ **Lab Code:** CHEM

Case No.: LB93404

SAS No.: LB93404

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV	Cyanide	98.7	99	100	0	85 - 115	CN	02/20/2018	14:31	LB93404



Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93404

SDG No.: LB93404

Contract: _____ Lab Code: CHEM

Case No.: LB93404

SAS No.: LB93404

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV001	Cyanide	236	250	94	0	85 - 115	CN	02/20/2018	14:31	LB93404
CCV002	Cyanide	253	250	101	0	85 - 115	CN	02/20/2018	14:36	LB93404



Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93404 **SDG No.:** LB93404
Contract: **Lab Code:** CHEM **Case No.:** LB93404 **SAS No.:** LB93404

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB	Cyanide	2.1	+/-10.0	U	5.0	10.0	CN	02/20/2018	14:31	LB93404



Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93404 **SDG No.:** LB93404
Contract: **Lab Code:** CHEM **Case No.:** LB93404 **SAS No.:** LB93404

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB001	Cyanide	2.1	+/-10.0	U	5.0	10.0	CN	02/20/2018	14:31	LB93404
CCB002	Cyanide	2.1	+/-10.0	U	5.0	10.0	CN	02/20/2018	14:36	LB93404



Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93404

SDG No.: LB93404

Contract: Lab Code: CHEM

Case No.: LB93404

SAS No.: LB93404

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



SDG No.: LB93404

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB106691BL		WATER		Batch Number:		PB106691		Prep Date:	02/20/2018	
	Cyanide	2.1	<10	U	5.0	10	CN	02/20/2018	14:31	LB93404



metals
- 5a -
MATRIX SPIKE SUMMARY

client: LB93404 level: low sdg no.: LB93404
contract: lab code: CHEM case no.: LB93404 sas no.: LB93404
matrix: WATER sample id: J1571-05 client id: ME62K8S
Percent Solids for Sample: 0 Spiked ID: J1571-07 Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	ug/L	75 - 125	92.6		10.0	U	100	93		CN

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93404 **Level:** LOW **SDG No.:** LB93404
Contract: **Lab Code:** CHEM **Case No.:** LB93404 **SAS No.:** LB93404
Matrix: WATER **Sample ID:** J1571-05 **Client ID:** ME62K8D
Percent Solids for Sample: 0 **Duplicate ID** J1571-06 **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	ug/L	20	10.0	U		0	U		CN

Metals

- 10 -

Client: LB93404

SDG No.: LB93404

Contract:

Lab Code: CHEM

Case No.: LB93404

SAS No.: LB93404

Instrument ID: P4

Preparation Method:

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
LIQUID					
Method: Cyanide	578.00				

Metals
- 13 -

SAMPLE PREPARATION SUMMARY

Client: <u>LB93404</u>	SDG No.: <u>LB93404</u>	
Contract: _____	Lab Code: <u>CHEM</u>	Method: _____
	Case No.: <u>LB93404</u>	SAS No.: <u>LB93404</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB106691							
PB106691BL	PBW005	MB	WATER	02/20/2018	50.0	50.0	
J1571-01	ME62G2	SAM	WATER	02/20/2018	50.0	50.0	
J1571-02	ME62G4	SAM	WATER	02/20/2018	50.0	50.0	
J1571-03	ME62H8	SAM	WATER	02/20/2018	50.0	50.0	
J1571-04	ME62K3	SAM	WATER	02/20/2018	50.0	50.0	
J1571-05	ME62K8	SAM	WATER	02/20/2018	50.0	50.0	
J1571-06	ME62K8D	DUP	WATER	02/20/2018	50.0	50.0	
J1571-07	ME62K8S	MS	WATER	02/20/2018	50.0	50.0	
J1571-08	ME62L9	SAM	WATER	02/20/2018	50.0	50.0	
J1571-09	ME62M5	SAM	WATER	02/20/2018	50.0	50.0	



Start Date: _____ **End Date:** _____

[illegible]

