

Daily Analysis Runlog For Sequence/QC Batch ID # LB95601

Review By		Review On				
SubDirectory		LB95601		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64754,WP64755,WP64756,WP64757,WP64758,WP64759,WP64760				
ICV Standard		W1542				
CCV Standard		WP64761				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP64763,WP64695,WP64696				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/24/18 08:05		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/24/18 08:05		OK
3	10PPBCN	10PPBCN	CAL3	05/24/18 08:05		OK
4	50PPBCN	50PPBCN	CAL4	05/24/18 08:05		OK
5	100PPBCN	100PPBCN	CAL5	05/24/18 08:05		OK
6	250PPBCN	250PPBCN	CAL6	05/24/18 08:05		OK
7	500PPBCN	500PPBCN	CAL7	05/24/18 08:05		OK
8	ICV1	ICV1	ICV	05/24/18 15:52		OK
9	ICB1	ICB1	ICB	05/24/18 15:52		OK
10	CCV1	CCV1	CCV	05/24/18 15:52		OK
11	CCB1	CCB1	CCB	05/24/18 15:52		OK
12	PB109643BL	PB109643BL	MB	05/24/18 15:52		OK
13	PB109643BS	PB109643BS	LCS	05/24/18 15:52		OK
14	J3094-04	HS-BASELINE-WATE	SAM	05/24/18 15:52		OK
15	J3094-04DUP	HS-BASELINE-WATE	DUP	05/24/18 15:52		OK
16	J3094-04MS	HS-BASELINE-WATE	MS	05/24/18 15:52		OK
17	J3094-04MSD	HS-BASELINE-WATE	MSD	05/24/18 15:52		OK
18	CCV2	CCV2	CCV	05/24/18 15:52		OK
19	CCB2	CCB2	CCB	05/24/18 15:55		OK



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

Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95601	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	HS-BASELINE-WATER	SDG No.:	LB95601
Lab Sample ID:	J3094-04	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	0.005		1	0.003		0.005	mg/L	05/24/2018	05/24/2018	9012B



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Client Sample ID:	HS-BASELINE-WATER	SDG No.:	LB95601
Lab Sample ID:	J3094-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis	Analysis	Run
		mg/L		Recovery	Window (%R)		Date	Time	Number
ICV1	Cyanide	0.096	0.099	97	85 - 115		05/24/2018	15:52	LB95601



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95601

SDG No.: LB95601

Contract: _____ Lab Code: CHEM

Case No.: LB95601

SAS No.: LB95601

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
CCV1	Cyanide	0.24	0.25	96		90 - 110		05/24/2018	15:52	LB95601
CCV2	Cyanide	0.24	0.25	96		90 - 110		05/24/2018	15:52	LB95601



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95601 **SDG No.:** LB95601
Contract: **Lab Code:** CHEM **Case No.:** LB95601 **SAS No.:** LB95601

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.0007	+/-0.005	U		0.005		05/24/2018	15:52	LB95601



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	LB95601				SDG No.:	LB95601				
Contract:			Lab Code:	CHEM		Case No.:	LB95601		SAS No.:	LB95601
Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00079	+/-0.005	U		0.005		05/24/2018	15:52	LB95601
CCB2	Cyanide	0.0001	+/-0.005	U		0.005		05/24/2018	15:55	LB95601



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95601

SDG No.: LB95601

Contract: Lab Code: CHEM

Case No.: LB95601

SAS No.: LB95601

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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- 3b -
PREPARATION BLANK SUMMARY

Client: LB95601

SDG No.: LB95601

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
PB109643BL	Cyanide	WATER 0.00024	<0.005	Batch Number: U		PB109643 0.005		Prep Date: 05/24/2018	05/24/2018 15:52	LB95601



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- 5a -
MATRIX SPIKE SUMMARY

client: LB95601 level: low sdg no.: LB95601
contract: lab code: CHEM case no.: LB95601 sas no.: LB95601
matrix: WATER sample id: J3094-04 client id: HS-BASELINE-WATERMS
Percent Solids for Sample: 0 Spiked ID: J3094-04MS 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	0.042		0.005		0.04	93		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95601 level: low sdg no.: LB95601
contract: lab code: CHEM case no.: LB95601 sas no.: LB95601
matrix: WATER sample id: J3094-04 client id: HS-BASELINE-WATERMSD
Percent Solids for Sample: 0 Spiked ID: J3094-04MSD 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	0.043		0.005		0.04	95		

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DUPLICATE SAMPLE SUMMARY

Client: LB95601 **Level:** LOW **SDG No.:** LB95601
Contract: **Lab Code:** CHEM **Case No.:** LB95601 **SAS No.:** LB95601
Matrix: WATER **Sample ID:** J3094-04 **Client ID:** HS-BASELINE-WATERDUP
Percent Solids for Sample: 0 **Duplicate ID** J3094-04DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.005		0.0049	J	2		

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DUPLICATE SAMPLE SUMMARY

Client: LB95601 **Level:** LOW **SDG No.:** LB95601
Contract: **Lab Code:** CHEM **Case No.:** LB95601 **SAS No.:** LB95601
Matrix: WATER **Sample ID:** J3094-04MS **Client ID:** HS-BASELINE-WATERMSD
Percent Solids for Sample: 0 **Duplicate ID** J3094-04MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.042		0.043		2		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95601

SDG No.: LB95601

Contract:

Lab Code: CHEM

Case No.: LB95601

SAS No.: LB95601

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB109643BS Cyanide	mg/L	0.1	0.097		97	85 - 115	