

Daily Analysis Runlog For Sequence/QC Batch ID # LB93721

Review By

Review On

SubDirectory

LB93721

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP62497,WP62498,WP62499,WP62500,WP62501,WP62502,WP62503
ICV Standard	WP62505
CCV Standard	WP62504
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP62506,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/06/18 10:37		OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/06/18 10:37		OK
3	10PPBCN	10PPBCN	CAL3	03/06/18 10:37		OK
4	50PPBCN	50PPBCN	CAL4	03/06/18 10:37		OK
5	100PPBCN	100PPBCN	CAL5	03/06/18 10:37		OK
6	250PPBCN	250PPBCN	CAL6	03/06/18 10:37		OK
7	500PPBCN	500PPBCN	CAL7	03/06/18 10:37		OK
8	ICV1	ICV1	ICV	03/06/18 13:33		OK
9	ICB1	ICB1	ICB	03/06/18 13:33		OK
10	CCV1	CCV1	CCV	03/06/18 13:33		OK
11	CCB1	CCB1	CCB	03/06/18 13:33		OK
12	PB107117BL	PB107117BL	MB	03/06/18 13:33		OK
13	J1731-06	BALER-SOIL	SAM	03/06/18 13:33		OK
14	J1731-06DUP	BALER-SOILDUP	DUP	03/06/18 13:33		OK
15	J1802-01	DRUM-1-2	SAM	03/06/18 13:33		OK
16	J1808-03	WC-02-01-17	SAM	03/06/18 13:33		OK
17	J1809-04	RO-1-4	SAM	03/06/18 13:33		OK
18	J1809-08	RO-5-7	SAM	03/06/18 13:40		OK
19	J1810-02	MHA-WCS	SAM	03/06/18 13:40		OK
20	CCV2	CCV2	CCV	03/06/18 13:40		OK
21	CCB2	CCB2	CCB	03/06/18 13:40		OK

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

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SubDirectory		LB93721		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP62497,WP62498,WP62499,WP62500,WP62501,WP62502,WP62503				
ICV Standard		WP62505				
CCV Standard		WP62504				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP62506,WP59958,WP60878				
22	PB107118BL	PB107118BL	MB	03/06/18 13:41		OK
23	J1810-06	MHA-WCGW	SAM	03/06/18 13:41		OK
24	J1810-06DUP	MHA-WCGWDUP	DUP	03/06/18 13:41		OK
25	J1800-06	OILY-DEBRIS	SAM	03/06/18 14:00		OK
26	J1810-04	MHA-WCD	SAM	03/06/18 14:00		OK
27	CCV3	CCV3	CCV	03/06/18 14:16		OK
28	CCB3	CCB3	CCB	03/06/18 14:16		OK



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	BALER-SOIL	SDG No.:	LB93721
Lab Sample ID:	J1731-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.004	U	1	0.025		0.05	mg/Kg	03/06/2018	03/06/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	OILY-DEBRIS	SDG No.:	LB93721
Lab Sample ID:	J1800-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0028	U	1	0.025		0.05	mg/Kg	03/06/2018	03/06/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	DRUM-1-2	SDG No.:	LB93721
Lab Sample ID:	J1802-01	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0026	U	1	0.025		0.05	mg/Kg	03/06/2018	03/06/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	WC-02-01-17	SDG No.:	LB93721
Lab Sample ID:	J1808-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0034	U	1	0.025		0.05	mg/Kg	03/06/2018	03/06/2018	9012B

Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	RO-1-4	SDG No.:	LB93721
Lab Sample ID:	J1809-04	Matrix:	Solid
Level (low/med):	low	% Solid:	85.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0044	U	1	0.025		0.05	mg/Kg	03/06/2018	03/06/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	RO-5-7	SDG No.:	LB93721
Lab Sample ID:	J1809-08	Matrix:	Solid
Level (low/med):	low	% Solid:	90.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0034	U	1	0.025		0.05	mg/Kg	03/06/2018	03/06/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	MHA-WCS	SDG No.:	LB93721
Lab Sample ID:	J1810-02	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0059	U	1	0.025		0.05	mg/Kg	03/06/2018	03/06/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	MHA-WCD	SDG No.:	LB93721
Lab Sample ID:	J1810-04	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.01	U	1	0.025		0.05	mg/Kg	03/06/2018	03/06/2018	9012B

Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	MHA-WCGW	SDG No.:	LB93721
Lab Sample ID:	J1810-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00045	U	1	0.0025		0.005	mg/L	03/06/2018	03/06/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93721	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	MHA-WCGW	SDG No.:	LB93721
Lab Sample ID:	J1810-06	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



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93721

SDG No.: LB93721

Contract: _____ Lab Code: CHEM

Case No.: LB93721

SAS No.: LB93721

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	Reactive Cyanide	0.098	0.099	99		85 - 115		03/06/2018	13:33	LB93721



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93721

SDG No.: LB93721

Contract: _____ Lab Code: CHEM

Case No.: LB93721

SAS No.: LB93721

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	Reactive Cyanide	0.25	0.25	100		90 - 110		03/06/2018	13:33	LB93721
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		03/06/2018	13:40	LB93721
CCV3	Reactive Cyanide	0.26	0.25	104		90 - 110		03/06/2018	14:16	LB93721



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93721

SDG No.: LB93721

Contract:

Lab Code: CHEM

Case No.: LB93721

SAS No.: LB93721

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00064	+/-0.005	U		0.005		03/06/2018	13:33	LB93721



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93721

SDG No.: LB93721

Contract:

Lab Code: CHEM

Case No.: LB93721

SAS No.: LB93721

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00052	+/-0.005	U		0.005		03/06/2018	13:33	LB93721
CCB2	Reactive Cyanide	0.00053	+/-0.005	U		0.005		03/06/2018	13:40	LB93721
CCB3	Reactive Cyanide	0.0011	+/-0.005	U		0.005		03/06/2018	14:16	LB93721



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93721

SDG No.: LB93721

Contract: Lab Code: CHEM

Case No.: LB93721

SAS No.: LB93721

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: LB93721

SDG No.: LB93721

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB107117BL	Reactive Cyanide	SOLID		Batch Number:		PB107117		Prep Date:	03/06/2018	
		0.003	<0.05	U		0.05		03/06/2018	13:33	LB93721
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB107118BL	Reactive Cyanide	WATER		Batch Number:		PB107118		Prep Date:	03/06/2018	
		0.00028	<0.005	U		0.005		03/06/2018	13:41	LB93721

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DUPLICATE SAMPLE SUMMARY

Client: LB93721 **Level:** LOW **SDG No.:** LB93721
Contract: **Lab Code:** CHEM **Case No.:** LB93721 **SAS No.:** LB93721
Matrix: Solid **Sample ID:** J1731-06 **Client ID:** BALER-SOILDUP
Percent Solids for Sample: 100 **Duplicate ID** J1731-06DUP **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.0032	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB93721 **Level:** LOW **SDG No.:** LB93721
Contract: **Lab Code:** CHEM **Case No.:** LB93721 **SAS No.:** LB93721
Matrix: WATER **Sample ID:** J1810-06 **Client ID:** MHA-WCGWDUP
Percent Solids for Sample: 0 **Duplicate ID** J1810-06DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/L	20	0.0025	U	0.00038	U			