

Daily Analysis Runlog For Sequence/QC Batch ID # LB95116

Review By

Review On

SubDirectory

LB95116

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP64218,WP64219,WP64220,WP64221,WP64222,WP64223,WP64224
ICV Standard	WP64226
CCV Standard	WP64225
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP64227,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/04/18 10:36		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/04/18 10:36		OK
3	10PPBCN	10PPBCN	CAL3	05/04/18 10:36		OK
4	50PPBCN	50PPBCN	CAL4	05/04/18 10:36		OK
5	100PPBCN	100PPBCN	CAL5	05/04/18 10:36		OK
6	250PPBCN	250PPBCN	CAL6	05/04/18 10:36		OK
7	500PPBCN	500PPBCN	CAL7	05/04/18 10:36		OK
8	ICV1	ICV1	ICV	05/04/18 11:59		OK
9	ICB1	ICB1	ICB	05/04/18 11:59		OK
10	CCV1	CCV1	CCV	05/04/18 11:59		OK
11	CCB1	CCB1	CCB	05/04/18 11:59		OK
12	PB108918BL	PB108918BL	MB	05/04/18 11:59		OK
13	J2672-02	BU-02-050318	SAM	05/04/18 11:59		OK
14	J2672-02DUP	BU-02-050318DUP	DUP	05/04/18 11:59		OK
15	J2722-03	OILY-STONES	SAM	05/04/18 11:59		OK
16	J2733-03	TP-1A-COMP	SAM	05/04/18 11:59		OK
17	J2733-07	TP-3AB-COMP	SAM	05/04/18 11:59		OK
18	J2733-11	TP-5AB-COMP	SAM	05/04/18 12:00		OK
19	PB108919BL	PB108919BL	MB	05/04/18 12:06		OK
20	J2695-08	CS-DRUM-2	SAM	05/04/18 12:06		OK
21	J2695-08DUP	CS-DRUM-2DUP	DUP	05/04/18 12:06		OK

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

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SubDirectory		Test : Reactive Cyanide				
LB95116						
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ICAL Standard	WP64218,WP64219,WP64220,WP64221,WP64222,WP64223,WP64224					
ICV Standard	WP64226					
CCV Standard	WP64225					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP64227,WP59958,WP60878					
22	CCV2	CCV2	CCV	05/04/18 12:06		OK
23	CCB2	CCB2	CCB	05/04/18 12:06		OK
24	J2729-02	VB16119	SAM	05/04/18 12:06		OK
25	CCV3	CCV3	CCV	05/04/18 12:06		OK
26	CCB3	CCB3	CCB	05/04/18 12:06		OK



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95116	Date Received:	5/3/2018 12:00:00 AM
Client Sample ID:	BU-02-050318	SDG No.:	LB95116
Lab Sample ID:	J2672-02	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	-0.0072	U	1	0.025		0.05	mg/Kg	05/04/2018	05/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95116	Date Received:	5/3/2018 12:00:00 AM
Client Sample ID:	CS-DRUM-2	SDG No.:	LB95116
Lab Sample ID:	J2695-08	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0	U	1	0.0025		0.005	mg/L	05/04/2018	05/04/2018	9012B

Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95116	Date Received:	5/3/2018 12:00:00 AM
Client Sample ID:	OILY-STONES	SDG No.:	LB95116
Lab Sample ID:	J2722-03	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	0.0012	U	1	0.025		0.05	mg/Kg	05/04/2018	05/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95116	Date Received:	5/3/2018 12:00:00 AM
Client Sample ID:	VB16119	SDG No.:	LB95116
Lab Sample ID:	J2729-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00033	U	1	0.0025		0.005	mg/L	05/04/2018	05/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95116	Date Received:	5/3/2018 12:00:00 AM
Client Sample ID:	TP-1A-COMP	SDG No.:	LB95116
Lab Sample ID:	J2733-03	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	-0.00082	U	1	0.025		0.05	mg/Kg	05/04/2018	05/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95116	Date Received:	5/3/2018 12:00:00 AM
Client Sample ID:	TP-3AB-COMP	SDG No.:	LB95116
Lab Sample ID:	J2733-07	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	0.00063	U	1	0.025		0.05	mg/Kg	05/04/2018	05/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95116	Date Received:	5/3/2018 12:00:00 AM
Client Sample ID:	TP-5AB-COMP	SDG No.:	LB95116
Lab Sample ID:	J2733-11	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	05/04/2018	05/04/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95116	Date Received:	5/3/2018 12:00:00 AM
Client Sample ID:	TP-5AB-COMP	SDG No.:	LB95116
Lab Sample ID:	J2733-11	Matrix:	Solid
Level (low/med):	low	% Solid:	100

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



GENCHEM

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95116

SDG No.: LB95116

Contract: _____

Lab Code: CHEM

Case No.: LB95116

SAS No.: LB95116

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	0.096	0.099	97		85 - 115		05/04/2018	11:59	lb95116



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95116

SDG No.: LB95116

Contract: _____ Lab Code: CHEM

Case No.: LB95116

SAS No.: LB95116

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	0.24	0.25	96		90 - 110		05/04/2018	11:59	lb95116
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		05/04/2018	12:06	lb95116
CCV3	Reactive Cyanide	0.25	0.25	100		90 - 110		05/04/2018	12:06	lb95116



GENCHEM

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95116 **SDG No.:** LB95116
Contract: **Lab Code:** CHEM **Case No.:** LB95116 **SAS No.:** LB95116

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00043	+/-0.005	U		0.005		05/04/2018	11:59	lb95116

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00017	+/-0.005	U		0.005		05/04/2018	11:59	lb95116
CCB2	Reactive Cyanide	0.00037	+/-0.005	U		0.005		05/04/2018	12:06	lb95116
CCB3	Reactive Cyanide	0.0001	+/-0.005	U		0.005		05/04/2018	12:06	lb95116



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95116

SDG No.: LB95116

Contract: Lab Code: CHEM

Case No.: LB95116

SAS No.: LB95116

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: LB95116

SDG No.: LB95116

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
PB108918BL	Reactive Cyanide	SOLID		Batch Number:		PB108918		Prep Date:	05/04/2018	
		-0.0091	<0.05	U		0.05		05/04/2018	11:59	lb95116
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB108919BL	Reactive Cyanide	WATER		Batch Number:		PB108919		Prep Date:	05/04/2018	
		0.00015	<0.005	U		0.005		05/04/2018	12:06	lb95116

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DUPLICATE SAMPLE SUMMARY

Client: LB95116 **Level:** LOW **SDG No.:** LB95116
Contract: **Lab Code:** CHEM **Case No.:** LB95116 **SAS No.:** LB95116
Matrix: Solid **Sample ID:** J2672-02 **Client ID:** BU-02-050318DUP
Percent Solids for Sample: 100 **Duplicate ID** J2672-02DUP **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	-0.003	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB95116 Level: LOW SDG No.: LB95116
Contract: _____ Lab Code: CHEM Case No.: LB95116 SAS No.: LB95116
Matrix: WATER Sample ID: J2695-08 Client ID: CS-DRUM-2DUP
Percent Solids for Sample: 0 Duplicate ID J2695-08DUP 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	-0.0001	U			