

Daily Analysis Runlog For Sequence/QC Batch ID # LB91132

Review By		Review On				
SubDirectory		LB91132		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP59131,WP59132,WP59133,WP59134,WP59135,WP59136,WP59129				
ICV Standard		WP59138				
CCV Standard		WP59139				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP59137,WP55836,WP55355				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	10/26/17 13:28		OK
2	5.0PPBCN	5.0PPBCN	CAL2	10/26/17 13:28		OK
3	10PPBCN	10PPBCN	CAL3	10/26/17 13:28		OK
4	50PPBCN	50PPBCN	CAL4	10/26/17 13:28		OK
5	100PPBCN	100PPBCN	CAL5	10/26/17 13:28		OK
6	250PPBCN	250PPBCN	CAL6	10/26/17 13:28		OK
7	500PPBCN	500PPBCN	CAL7	10/26/17 13:28		OK
8	ICV1	ICV1	ICV	10/26/17 14:35		OK
9	ICB1	ICB1	ICB	10/26/17 14:35		OK
10	CCV1	CCV1	CCV	10/26/17 14:35		OK
11	CCB1	CCB1	CCB	10/26/17 14:35		OK
12	PB103684BL	PB103684BL	MB	10/26/17 14:35		OK
13	I6092-01	WYANDANCH-STAG	SAM	10/26/17 14:35		OK
14	I6092-01DUP	WYANDANCH-STAG	DUP	10/26/17 14:35		OK
15	I6092-02	WYANDANCH-STAG	SAM	10/26/17 14:42		OK
16	I6092-03	STRAIGHT-PATH-EA	SAM	10/26/17 14:42		OK
17	I6092-04	STRAIGHT-PATH-WI	SAM	10/26/17 14:42		OK
18	I6092-05	PINELAWN-STAG	SAM	10/26/17 14:42		OK
19	I6092-06	WELLWOOD-CROSS	SAM	10/26/17 14:42		OK
20	I6092-07	WELLWOOD-CROSS	SAM	10/26/17 14:42		OK
21	I6092-08	CARLLS-PATH-EAST	SAM	10/26/17 14:42		OK

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

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SubDirectory		LB91132		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP59131,WP59132,WP59133,WP59134,WP59135,WP59136,WP59129				
ICV Standard		WP59138				
CCV Standard		WP59139				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP59137,WP55836,WP55355				
22	CCV2	CCV2	CCV	10/26/17 14:42		OK
23	CCB2	CCB2	CCB	10/26/17 14:42		OK
24	I6092-09	CARLLS-PATH-WES	SAM	10/26/17 14:42		OK
25	I6092-10	NH-CROSSING-EAS	SAM	10/26/17 14:42		OK
26	CCV3	CCV3	CCV	10/26/17 14:46		OK
27	CCB3	CCB3	CCB	10/26/17 14:46		OK

Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	WYANDANCH-STA(1-8)-COMP	SDG No.:	LB91132
Lab Sample ID:	I6092-01	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	0.00098	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	WYANDANCH-STA(9-12)-COMP	SDG No.:	LB91132
Lab Sample ID:	I6092-02	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	0.0029	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	STRAIGHT-PATH-EAST-COMP(0-3)	SDG No.:	LB91132
Lab Sample ID:	I6092-03	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	0.0015	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	STRAIGHT-PATH-WEST-COMP(0-3)	SDG No.:	LB91132
Lab Sample ID:	I6092-04	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	0.0004	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	PINELAWN-STA-COMP(1-4)	SDG No.:	LB91132
Lab Sample ID:	I6092-05	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	0.0013	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	WELLWOOD-CROSSING-EAST(0-3)	SDG No.:	LB91132
Lab Sample ID:	I6092-06	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	0.00043	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	WELLWOOD-CROSSING-WEST-COMP(0-3)	SDG No.:	LB91132
Lab Sample ID:	I6092-07	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	0.0019	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	CARLLS-PATH-EAST-COMP(0-3)	SDG No.:	LB91132
Lab Sample ID:	I6092-08	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	0.0019	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	CARLLS-PATH-WEST-COMP(0-3)	SDG No.:	LB91132
Lab Sample ID:	I6092-09	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	0.0014	U	1	0.025		0.049	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	NH-CROSSING-EAST-COMP(0-3)	SDG No.:	LB91132
Lab Sample ID:	I6092-10	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	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91132	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	NH-CROSSING-EAST-COMP(0-3)	SDG No.:	LB91132
Lab Sample ID:	I6092-10	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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB91132

SDG No.: LB91132

Contract: _____

Lab Code: CHEM

Case No.: LB91132

SAS No.: LB91132

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Reactive Cyanide	0.099	0.099	100	0	85 - 115		10/26/2017	14:35	LB91132



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB91132

SDG No.: LB91132

Contract: _____ Lab Code: CHEM

Case No.: LB91132

SAS No.: LB91132

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Reactive Cyanide	0.25	0.25	100	0	90 - 110		10/26/2017	14:35	LB91132
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		10/26/2017	14:42	LB91132
CCV3	Reactive Cyanide	0.27	0.25	108	0	90 - 110		10/26/2017	14:46	LB91132



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91132

SDG No.: LB91132

Contract:

Lab Code: CHEM

Case No.: LB91132

SAS No.: LB91132

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00047	+/-0.005	U		0.005		10/26/2017	14:35	LB91132

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00046	+/-0.005	U		0.005		10/26/2017	14:35	LB91132
CCB2	Reactive Cyanide	0.00043	+/-0.005	U		0.005		10/26/2017	14:42	LB91132
CCB3	Reactive Cyanide	0.00025	+/-0.005	U		0.005		10/26/2017	14:46	LB91132



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91132

SDG No.: LB91132

Contract: Lab Code: CHEM

Case No.: LB91132

SAS No.: LB91132

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: LB91132

SDG No.: LB91132

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
PB103684BL	Reactive Cyanide	SOLID 0.0027	<0.05	Batch Number: U		PB103684 0.05		Prep Date: 10/26/2017	10/26/2017 14:35	LB91132

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DUPLICATE SAMPLE SUMMARY

Client: LB91132 **Level:** LOW **SDG No.:** LB91132
Contract: **Lab Code:** CHEM **Case No.:** LB91132 **SAS No.:** LB91132
Matrix: Solid **Sample ID:** I6092-01 **Client ID:** WYANDANCH-STA(1-8)-COMPDUP
Percent Solids for Sample: 100 **Duplicate ID** I6092-01DUP **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	-0.0012	U			