

Daily Analysis Runlog For Sequence/QC Batch ID # LB92526

Review By		Review On				
SubDirectory		LB92526		Test : Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP60822,WP60823,WP60824,WP60825,WP60826,WP60827,WP60828
ICV Standard	W1541
CCV Standard	WP60829
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP58910
Chk Standard	WP60831,WP59958,WP60150

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	01/09/18 11:10		OK
2	5.0PPBCN	5.0PPBCN	CAL2	01/09/18 11:10		OK
3	10PPBCN	10PPBCN	CAL3	01/09/18 11:10		OK
4	50PPBCN	50PPBCN	CAL4	01/09/18 11:10		OK
5	100PPBCN	100PPBCN	CAL5	01/09/18 11:10		OK
6	250PPBCN	250PPBCN	CAL6	01/09/18 11:10		OK
7	500PPBCN	500PPBCN	CAL7	01/09/18 11:10		OK
8	ICV1	ICV1	ICV	01/09/18 11:49		OK
9	ICB1	ICB1	ICB	01/09/18 11:49		OK
10	CCV1	CCV1	CCV	01/09/18 11:49		OK
11	CCB1	CCB1	CCB	01/09/18 11:49		OK
12	PB105526BL	PB105526BL	MB	01/09/18 11:49		OK
13	PB105526BS	PB105526BS	LCS	01/09/18 11:49		OK
14	LOWPB105526	LOWPB105526	SAM	01/09/18 11:49		OK
15	HIGHPB105526	HIGHPB105526	SAM	01/09/18 11:56		OK
16	J1018-01	OR-03-010818	SAM	01/09/18 11:56		OK
17	J1018-01DUP	OR-03-010818DUP	DUP	01/09/18 11:56		OK
18	J1018-01MS	OR-03-010818MS	MS	01/09/18 11:56		OK
19	J1018-01MSD	OR-03-010818MSD	MSD	01/09/18 11:56		OK
20	J1022-04	SU-04-010818	SAM	01/09/18 11:56		OK
21	J1023-01	TR-04-010817	SAM	01/09/18 11:56		OK

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

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SubDirectory		LB92526		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP60822,WP60823,WP60824,WP60825,WP60826,WP60827,WP60828				
ICV Standard		W1541				
CCV Standard		WP60829				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP60831,WP59958,WP60150				
22	CCV2	CCV2	CCV	01/09/18 11:56		OK
23	CCB2	CCB2	CCB	01/09/18 11:56		OK
24	J1044-04	SP-COMP-A	SAM	01/09/18 11:56		OK
25	J1044-06	SP-COMP-B	SAM	01/09/18 11:56		OK
26	J1044-08	SP-COMP-C	SAM	01/09/18 12:01		OK
27	J1044-10	SP-COMP-D	SAM	01/09/18 12:01		OK
28	CCV3	CCV3	CCV	01/09/18 12:01		OK
29	CCB3	CCB3	CCB	01/09/18 12:01		OK



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Report of Analysis

Client:		Date Collected:	
Project:	LB92526	Date Received:	
Client Sample ID:	HIGHPB105526	SDG No.:	LB92526
Lab Sample ID:	HIGHPB105526	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	0.48		1	0.003		0.005	mg/L		01/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/8/2018 12:00:00 AM
Project:	LB92526	Date Received:	1/8/2018 12:00:00 AM
Client Sample ID:	OR-03-010818	SDG No.:	LB92526
Lab Sample ID:	J1018-01	Matrix:	Solid
Level (low/med):	low	% Solid:	86.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.17	J	1	0.037		0.28	mg/Kg	01/09/2018	01/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/8/2018 12:00:00 AM
Project:	LB92526	Date Received:	1/8/2018 12:00:00 AM
Client Sample ID:	SU-04-010818	SDG No.:	LB92526
Lab Sample ID:	J1022-04	Matrix:	Solid
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.058	J	1	0.035		0.27	mg/Kg	01/09/2018	01/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/8/2018 12:00:00 AM
Project:	LB92526	Date Received:	1/8/2018 12:00:00 AM
Client Sample ID:	TR-04-010817	SDG No.:	LB92526
Lab Sample ID:	J1023-01	Matrix:	Solid
Level (low/med):	low	% Solid:	88.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.046	J	1	0.036		0.28	mg/Kg	01/09/2018	01/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/8/2018 12:00:00 AM
Project:	LB92526	Date Received:	1/8/2018 12:00:00 AM
Client Sample ID:	SP-COMP-A	SDG No.:	LB92526
Lab Sample ID:	J1044-04	Matrix:	Solid
Level (low/med):	low	% Solid:	84.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.048	J	1	0.037		0.28	mg/Kg	01/09/2018	01/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/8/2018 12:00:00 AM
Project:	LB92526	Date Received:	1/8/2018 12:00:00 AM
Client Sample ID:	SP-COMP-B	SDG No.:	LB92526
Lab Sample ID:	J1044-06	Matrix:	Solid
Level (low/med):	low	% Solid:	86.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.03	U	1	0.037		0.28	mg/Kg	01/09/2018	01/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/8/2018 12:00:00 AM
Project:	LB92526	Date Received:	1/8/2018 12:00:00 AM
Client Sample ID:	SP-COMP-C	SDG No.:	LB92526
Lab Sample ID:	J1044-08	Matrix:	Solid
Level (low/med):	low	% Solid:	85.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.12	J	1	0.037		0.28	mg/Kg	01/09/2018	01/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/8/2018 12:00:00 AM
Project:	LB92526	Date Received:	1/8/2018 12:00:00 AM
Client Sample ID:	SP-COMP-D	SDG No.:	LB92526
Lab Sample ID:	J1044-10	Matrix:	Solid
Level (low/med):	low	% Solid:	86.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.055	J	1	0.036		0.27	mg/Kg	01/09/2018	01/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB92526	Date Received:	
Client Sample ID:	LOWPB105526	SDG No.:	LB92526
Lab Sample ID:	LOWPB105526	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	0.0097		1	0.003		0.005	mg/L		01/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB92526	Date Received:	
Client Sample ID:	LOWPB105526	SDG No.:	LB92526
Lab Sample ID:	LOWPB105526	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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92526

SDG No.: LB92526

Contract: _____ Lab Code: CHEM

Case No.: LB92526

SAS No.: LB92526

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	Cyanide	0.096	0.099	97	0	85 - 115		01/09/2018	11:49	LB92526



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92526

SDG No.: LB92526

Contract: **Lab Code:** CHEM

Case No.: LB92526

SAS No.: LB92526

Initial Calibration Source:

Continuing Calibration Source: _____

Sample ID	Analyte	Result	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		mg/L								
CCV1	Cyanide	0.24	0.25	96	0	90 - 110		01/09/2018	11:49	LB92526
CCV2	Cyanide	0.24	0.25	96	0	90 - 110		01/09/2018	11:56	LB92526
CCV3	Cyanide	0.25	0.25	100	0	90 - 110		01/09/2018	12:01	LB92526



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92526 **SDG No.:** LB92526
Contract: **Lab Code:** CHEM **Case No.:** LB92526 **SAS No.:** LB92526

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00055	+/-0.005	U		0.005		01/09/2018	11:49	LB92526

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00035	+/-0.005	U		0.005		01/09/2018	11:49	LB92526
CCB2	Cyanide	0.00048	+/-0.005	U		0.005		01/09/2018	11:56	LB92526
CCB3	Cyanide	0.00056	+/-0.005	U		0.005		01/09/2018	12:01	LB92526



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB92526

SDG No.:

LB92526

Contract:

Lab Code:

CHEM

Case No.:

LB92526

SAS No.:

LB92526

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: LB92526

SDG No.: LB92526

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
PB105526BL	Cyanide	SOLID 0.018	<0.24	Batch Number: U		PB105526 0.24		Prep Date: 01/09/2018	01/09/2018 11:49	LB92526



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB92526 level: low sdg no.: LB92526
contract: lab code: CHEM case no.: LB92526 sas no.: LB92526
matrix: Solid sample id: J1018-01 client id: OR-03-010818MS
Percent Solids for Sample: 86.5 Spiked ID: J1018-01MS Percent Solids for Spike Sample: 86.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.1		0.17	J	2.2	88		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB92526 level: low sdg no.: LB92526
contract: lab code: CHEM case no.: LB92526 sas no.: LB92526
matrix: Solid sample id: J1018-01 client id: OR-03-010818MSD
Percent Solids for Sample: 86.5 Spiked ID: J1018-01MSD Percent Solids for Spike Sample: 86.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.1		0.17	J	2.2	88		

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DUPLICATE SAMPLE SUMMARY

Client: LB92526 **Level:** LOW **SDG No.:** LB92526
Contract: **Lab Code:** CHEM **Case No.:** LB92526 **SAS No.:** LB92526
Matrix: Solid **Sample ID:** J1018-01 **Client ID:** OR-03-010818DUP
Percent Solids for Sample: 86.5 **Duplicate ID** J1018-01DUP **Percent Solids for Spike Sample:** 86.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.17	J	0.17	J	0		

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DUPLICATE SAMPLE SUMMARY

Client: LB92526 **Level:** LOW **SDG No.:** LB92526
Contract: **Lab Code:** CHEM **Case No.:** LB92526 **SAS No.:** LB92526
Matrix: Solid **Sample ID:** J1018-01MS **Client ID:** OR-03-010818MSD
Percent Solids for Sample: 86.5 **Duplicate ID** J1018-01MSD **Percent Solids for Spike Sample:** 86.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2.1		2.1		0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB92526 SDG No.: LB92526
Contract: Lab Code: CHEM Case No.: LB92526 SAS No.: LB92526

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB105526BS Cyanide	mg/Kg	4.9	4.9		100	85 - 115	
