

Daily Analysis Runlog For Sequence/QC Batch ID # LB95264

Review By		Review On				
SubDirectory		LB95264		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64378,WP64379,WP64380,WP64381,WP64382,WP64383,WP64384				
ICV Standard		W1542				
CCV Standard		WP64385				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP64388,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/10/18 08:39		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/10/18 08:39		OK
3	10PPBCN	10PPBCN	CAL3	05/10/18 08:39		OK
4	50PPBCN	50PPBCN	CAL4	05/10/18 08:39		OK
5	100PPBCN	100PPBCN	CAL5	05/10/18 08:39		OK
6	250PPBCN	250PPBCN	CAL6	05/10/18 08:39		OK
7	500PPBCN	500PPBCN	CAL7	05/10/18 08:39		OK
8	ICV1	ICV1	ICV	05/10/18 15:38		OK
9	ICB1	ICB1	ICB	05/10/18 15:38		OK
10	CCV1	CCV1	CCV	05/10/18 15:38		OK
11	CCB1	CCB1	CCB	05/10/18 15:38		OK
12	PB109140BL	PB109140BL	MB	05/10/18 15:38		OK
13	PB109140BS	PB109140BS	LCS	05/10/18 15:38		OK
14	J2678-01	OR-02-050918	SAM	05/10/18 15:38		OK
15	J2678-01DUP	OR-02-050918DUP	DUP	05/10/18 15:38		OK
16	J2678-01MS	OR-02-050918MS	MS	05/10/18 15:38		OK
17	J2678-01MSD	OR-02-050918MSD	MSD	05/10/18 15:38		OK
18	J2818-01	LS-RO-2711993	SAM	05/10/18 15:38		OK
19	J2825-01	FK-PS-01-025	SAM	05/10/18 15:44		OK
20	J2828-01	FK-PS-01.025	SAM	05/10/18 15:44		OK
21	J2836-02	TP-9A	SAM	05/10/18 15:44		OK

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

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ICV Standard	W1542					
CCV Standard	WP64385					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	WP62802					
Chk Standard	WP64388,WP59958,WP60878					
22	CCV2	CCV2	CCV	05/10/18 15:44		OK
23	CCB2	CCB2	CCB	05/10/18 15:44		OK
24	J2836-05	TP-9B	SAM	05/10/18 15:44		OK
25	CCV3	CCV3	CCV	05/10/18 15:44		OK
26	CCB3	CCB3	CCB	05/10/18 15:44		OK



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Report of Analysis

Client:		Date Collected:	5/9/2018 12:00:00 AM
Project:	LB95264	Date Received:	5/9/2018 12:00:00 AM
Client Sample ID:	OR-02-050918	SDG No.:	LB95264
Lab Sample ID:	J2678-01	Matrix:	Solid
Level (low/med):	low	% Solid:	93.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.071	J	1	0.035		0.26	mg/Kg	05/10/2018	05/10/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/9/2018 12:00:00 AM
Project:	LB95264	Date Received:	5/9/2018 12:00:00 AM
Client Sample ID:	LS-RO-2711993	SDG No.:	LB95264
Lab Sample ID:	J2818-01	Matrix:	Solid
Level (low/med):	low	% Solid:	99.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.055	J	1	0.033		0.25	mg/Kg	05/10/2018	05/10/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/9/2018 12:00:00 AM
Project:	LB95264	Date Received:	5/9/2018 12:00:00 AM
Client Sample ID:	FK-PS-01-025	SDG No.:	LB95264
Lab Sample ID:	J2825-01	Matrix:	Solid
Level (low/med):	low	% Solid:	92.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.056	J	1	0.035		0.27	mg/Kg	05/10/2018	05/10/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/9/2018 12:00:00 AM
Project:	LB95264	Date Received:	5/9/2018 12:00:00 AM
Client Sample ID:	FK-PS-01.025	SDG No.:	LB95264
Lab Sample ID:	J2828-01	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	0.028	U	1	0.037		0.28	mg/Kg	05/10/2018	05/10/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/9/2018 12:00:00 AM
Project:	LB95264	Date Received:	5/9/2018 12:00:00 AM
Client Sample ID:	TP-9A	SDG No.:	LB95264
Lab Sample ID:	J2836-02	Matrix:	Solid
Level (low/med):	low	% Solid:	84.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.056	J	1	0.038		0.29	mg/Kg	05/10/2018	05/10/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/9/2018 12:00:00 AM
Project:	LB95264	Date Received:	5/9/2018 12:00:00 AM
Client Sample ID:	TP-9B	SDG No.:	LB95264
Lab Sample ID:	J2836-05	Matrix:	Solid
Level (low/med):	low	% Solid:	79.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.071	J	1	0.04		0.3	mg/Kg	05/10/2018	05/10/2018	9012B



Report of Analysis

Client:		Date Collected:	5/9/2018 12:00:00 AM
Project:	LB95264	Date Received:	5/9/2018 12:00:00 AM
Client Sample ID:	TP-9B	SDG No.:	LB95264
Lab Sample ID:	J2836-05	Matrix:	Solid
Level (low/med):	low	% Solid:	79.7

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: LB95264

SDG No.: LB95264

Contract: _____ Lab Code: CHEM

Case No.: LB95264

SAS No.: LB95264

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		05/10/2018	15:38	lb95264
CCV2	Cyanide	0.24	0.25	96		90 - 110		05/10/2018	15:44	lb95264
CCV3	Cyanide	0.24	0.25	96		90 - 110		05/10/2018	15:44	lb95264



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95264

SDG No.: LB95264

Contract:

Lab Code: CHEM

Case No.: LB95264

SAS No.: LB95264

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00034	+/-0.005	U		0.005		05/10/2018	15:38	lb95264

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00062	+/-0.005	U		0.005		05/10/2018	15:38	lb95264
CCB2	Cyanide	0.00094	+/-0.005	U		0.005		05/10/2018	15:44	lb95264
CCB3	Cyanide	0.00077	+/-0.005	U		0.005		05/10/2018	15:44	lb95264



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB95264

SDG No.:

LB95264

Contract:

Lab Code:

CHEM

Case No.:

LB95264

SAS No.:

LB95264

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

Client: LB95264

SDG No.: LB95264

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
PB109140BL	Cyanide	SOLID 0.068	<0.24	Batch Number: J		PB109140 0.24		Prep Date: 05/10/2018	05/10/2018 15:38	lb95264



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95264 level: low sdg no.: LB95264
contract: lab code: CHEM case no.: LB95264 sas no.: LB95264
matrix: Solid sample id: J2678-01 client id: OR-02-050918MS
Percent Solids for Sample: 93.3 Spiked ID: J2678-01MS Percent Solids for Spike Sample: 93.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.8		0.071	J	2.1	82		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95264 level: low sdg no.: LB95264
contract: lab code: CHEM case no.: LB95264 sas no.: LB95264
matrix: Solid sample id: J2678-01 client id: OR-02-050918MSD
Percent Solids for Sample: 93.3 Spiked ID: J2678-01MSD Percent Solids for Spike Sample: 93.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.9		0.071	J	2.1	87		

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DUPLICATE SAMPLE SUMMARY

Client: LB95264 **Level:** LOW **SDG No.:** LB95264
Contract: **Lab Code:** CHEM **Case No.:** LB95264 **SAS No.:** LB95264
Matrix: Solid **Sample ID:** J2678-01 **Client ID:** OR-02-050918DUP
Percent Solids for Sample: 93.3 **Duplicate ID** J2678-01DUP **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.071	J	0.093	J	27	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB95264 **Level:** LOW **SDG No.:** LB95264
Contract: **Lab Code:** CHEM **Case No.:** LB95264 **SAS No.:** LB95264
Matrix: Solid **Sample ID:** J2678-01MS **Client ID:** OR-02-050918MSD
Percent Solids for Sample: 93.3 **Duplicate ID** J2678-01MSD **Percent Solids for Spike Sample:** 93.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	1.8		1.9		5		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95264 SDG No.: LB95264
Contract: Lab Code: CHEM Case No.: LB95264 SAS No.: LB95264

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB109140BS Cyanide	mg/Kg	5	4.8		96	85 - 115	
