

Daily Analysis Runlog For Sequence/QC Batch ID # LB87404

Review By		Review On				
SubDirectory		LB87404		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP54873,WP54874,WP54875,WP54876,WP54877,WP54878,WP54879,WP54880				
ICV Standard		W1540				
CCV Standard		WP54882				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP54521				
Chk Standard		WP54881,WP51626,WP51276				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/11/17 13:39		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/11/17 13:39		OK
3	10PPBCN	10PPBCN	CAL3	05/11/17 13:39		OK
4	50PPBCN	50PPBCN	CAL4	05/11/17 13:39		OK
5	100PPBCN	100PPBCN	CAL5	05/11/17 13:39		OK
6	250PPBCN	250PPBCN	CAL6	05/11/17 13:39		OK
7	500PPBCN	500PPBCN	CAL7	05/11/17 13:39		OK
8	ICV1	ICV1	ICV	05/11/17 14:11		OK
9	ICB1	ICB1	ICB	05/11/17 14:11		OK
10	CCV1	CCV1	CCV	05/11/17 14:11		OK
11	CCB1	CCB1	CCB	05/11/17 14:11		OK
12	PB98876BL	PB98876BL	MB	05/11/17 14:11		OK
13	PB98876BS	PB98876BS	LCS	05/11/17 14:11		OK
14	LOWPB98876	LOWPB98876	SAM	05/11/17 14:11		OK
15	HIGHPB98876	HIGHPB98876	SAM	05/11/17 14:11		OK
16	I3084-01	FK-PS-01-001	SAM	05/11/17 14:11		OK
17	I3084-01DUP	FK-PS-01-001DUP	DUP	05/11/17 14:11		OK
18	I3084-01MS	FK-PS-01-001MS	MS	05/11/17 14:11		OK
19	I3084-01MSD	FK-PS-01-001MSD	MSD	05/11/17 14:16		OK
20	I3087-01	FK-PS-01_001	SAM	05/11/17 14:16		OK
21	CCV2	CCV2	CCV	05/11/17 14:16		OK



Instrument ID : KONELAB

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

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ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP54521				
Chk Standard		WP54881,WP51626,WP51276				
22	CCB2	CCB2	CCB	05/11/17 14:16		OK



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Report of Analysis

Client:		Date Collected:	
Project:	LB87404	Date Received:	
Client Sample ID:	HIGHPB98876	SDG No.:	LB87404
Lab Sample ID:	HIGHPB98876	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	0.49		1	0.003		0.005	mg/L		05/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	5/10/2017 12:00:00 AM
Project:	LB87404	Date Received:	5/10/2017 12:00:00 AM
Client Sample ID:	FK-PS-01-001	SDG No.:	LB87404
Lab Sample ID:	I3084-01	Matrix:	Solid
Level (low/med):	low	% Solid:	81

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	-0.056	U	1	0.039		0.3	mg/Kg	05/11/2017	05/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	5/10/2017 12:00:00 AM
Project:	LB87404	Date Received:	5/10/2017 12:00:00 AM
Client Sample ID:	FK-PS-01_001	SDG No.:	LB87404
Lab Sample ID:	I3087-01	Matrix:	Solid
Level (low/med):	low	% Solid:	84

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	-0.098	U	1	0.038		0.29	mg/Kg	05/11/2017	05/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB87404	Date Received:	
Client Sample ID:	LOWPB98876	SDG No.:	LB87404
Lab Sample ID:	LOWPB98876	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	0.0089		1	0.003		0.005	mg/L		05/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB87404	Date Received:	
Client Sample ID:	LOWPB98876	SDG No.:	LB87404
Lab Sample ID:	LOWPB98876	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: LB87404

SDG No.: LB87404

Contract: _____ Lab Code: CHEM

Case No.: LB87404

SAS No.: LB87404

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	Cyanide	0.24	0.25	96	0	90 - 110		05/11/2017	14:11	LB87404
CCV2	Cyanide	0.25	0.25	100	0	90 - 110		05/11/2017	14:16	LB87404



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87404 **SDG No.:** LB87404
Contract: **Lab Code:** CHEM **Case No.:** LB87404 **SAS No.:** LB87404

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	-0.0013	+/-0.005	U		0.005		05/11/2017	14:11	LB87404



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87404

SDG No.: LB87404

Contract:

Lab Code: CHEM

Case No.: LB87404

SAS No.: LB87404

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	-0.0013	+/-0.005	U		0.005		05/11/2017	14:11	LB87404
CCB2	Cyanide	-0.0012	+/-0.005	U		0.005		05/11/2017	14:16	LB87404



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87404

SDG No.: LB87404

Contract: Lab Code: CHEM

Case No.: LB87404

SAS No.: LB87404

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB87404

SDG No.: LB87404

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
PB98876BL	Cyanide	SOLID -0.063	<0.25	Batch Number: U		PB98876 0.25		Prep Date: 05/11/2017	05/11/2017 14:11	LB87404



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB87404 level: low sdg no.: LB87404
contract: lab code: CHEM case no.: LB87404 sas no.: LB87404
matrix: Solid sample id: I3084-01 client id: FK-PS-01-001MS
Percent Solids for Sample: 81 Spiked ID: I3084-01MS Percent Solids for Spike Sample: 81

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.2		0.039	U	2.4	91.7		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB87404 level: low sdg no.: LB87404
contract: lab code: CHEM case no.: LB87404 sas no.: LB87404
matrix: Solid sample id: I3084-01 client id: FK-PS-01-001MSD
Percent Solids for Sample: 81 Spiked ID: I3084-01MSD Percent Solids for Spike Sample: 81

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.2		0.039	U	2.4	91.7		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB87404 **Level:** LOW **SDG No.:** LB87404
Contract: **Lab Code:** CHEM **Case No.:** LB87404 **SAS No.:** LB87404
Matrix: Solid **Sample ID:** I3084-01 **Client ID:** FK-PS-01-001DUP
Percent Solids for Sample: 81 **Duplicate ID** I3084-01DUP **Percent Solids for Spike Sample:** 81

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.039	U	-0.064	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB87404 **Level:** LOW **SDG No.:** LB87404
Contract: **Lab Code:** CHEM **Case No.:** LB87404 **SAS No.:** LB87404
Matrix: Solid **Sample ID:** I3084-01MS **Client ID:** FK-PS-01-001MSD
Percent Solids for Sample: 81 **Duplicate ID** I3084-01MSD **Percent Solids for Spike Sample:** 81

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2.2		2.2		0		

