

Daily Analysis Runlog For Sequence/QC Batch ID # LB92728

Review By		Review On				
SubDirectory		LB92728		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61101,WP61102,WP61103,WP61104,WP61105,WP61106,WP61107				
ICV Standard		WP61109				
CCV Standard		WP61108				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP61110,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	01/19/18 10:18		OK
2	5.0PPBCN	5.0PPBCN	CAL2	01/19/18 10:18		OK
3	10PPBCN	10PPBCN	CAL3	01/19/18 10:18		OK
4	50PPBCN	50PPBCN	CAL4	01/19/18 10:18		OK
5	100PPBCN	100PPBCN	CAL5	01/19/18 10:18		OK
6	250PPBCN	250PPBCN	CAL6	01/19/18 10:18		OK
7	500PPBCN	500PPBCN	CAL7	01/19/18 10:18		OK
8	ICV1	ICV1	ICV	01/19/18 13:54		OK
9	ICB1	ICB1	ICB	01/19/18 13:54		OK
10	CCV1	CCV1	CCV	01/19/18 13:54		OK
11	CCB1	CCB1	CCB	01/19/18 13:54		OK
12	PB105777BL	PB105777BL	MB	01/19/18 13:54		OK
13	J1018-07	OR-02-011818-A	SAM	01/19/18 13:54		OK
14	J1018-07DUP	OR-02-011818-ADUP	DUP	01/19/18 13:54		OK
15	J1018-09	OR-02-011818-B	SAM	01/19/18 13:54		OK
16	J1191-01	OILY-DEBRIS	SAM	01/19/18 13:54		OK
17	J1202-03	ROLLOFF-1-5	SAM	01/19/18 13:54		OK
18	J1203-02	RO-285	SAM	01/19/18 13:54		OK
19	CCV2	CCV2	CCV	01/19/18 13:58		OK
20	CCB2	CCB2	CCB	01/19/18 13:58		OK



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92728	Date Received:	1/18/2018 12:00:00 AM
Client Sample ID:	OR-02-011818-A	SDG No.:	LB92728
Lab Sample ID:	J1018-07	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	0.0014	U	1	0.025		0.05	mg/Kg	01/19/2018	01/19/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92728	Date Received:	1/18/2018 12:00:00 AM
Client Sample ID:	OR-02-011818-B	SDG No.:	LB92728
Lab Sample ID:	J1018-09	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	-0.0013	U	1	0.025		0.05	mg/Kg	01/19/2018	01/19/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92728	Date Received:	1/18/2018 12:00:00 AM
Client Sample ID:	OILY-DEBRIS	SDG No.:	LB92728
Lab Sample ID:	J1191-01	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	-0.0013	U	1	0.025		0.05	mg/Kg	01/19/2018	01/19/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92728	Date Received:	1/18/2018 12:00:00 AM
Client Sample ID:	ROLLOFF-1-5	SDG No.:	LB92728
Lab Sample ID:	J1202-03	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	01/19/2018	01/19/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92728	Date Received:	1/18/2018 12:00:00 AM
Client Sample ID:	RO-285	SDG No.:	LB92728
Lab Sample ID:	J1203-02	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	-0.001	U	1	0.025		0.05	mg/Kg	01/19/2018	01/19/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/18/2018 12:00:00 AM
Project:	LB92728	Date Received:	1/18/2018 12:00:00 AM
Client Sample ID:	RO-285	SDG No.:	LB92728
Lab Sample ID:	J1203-02	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB92728

SDG No.: LB92728

Contract: _____

Lab Code: CHEM

Case No.: LB92728

SAS No.: LB92728

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	0.095	0.099	96	0	85 - 115		01/19/2018	13:54	LB92728



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92728

SDG No.: LB92728

Contract: _____ Lab Code: CHEM

Case No.: LB92728

SAS No.: LB92728

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	0.24	0.25	96	0	90 - 110		01/19/2018	13:54	LB92728
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		01/19/2018	13:58	LB92728



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92728

SDG No.: LB92728

Contract:

Lab Code: CHEM

Case No.: LB92728

SAS No.: LB92728

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00063	+/-0.005	U		0.005		01/19/2018	13:54	LB92728



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92728

SDG No.: LB92728

Contract:

Lab Code: CHEM

Case No.: LB92728

SAS No.: LB92728

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00053	+/-0.005	U		0.005		01/19/2018	13:54	LB92728
CCB2	Reactive Cyanide	0.00048	+/-0.005	U		0.005		01/19/2018	13:58	LB92728



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92728

SDG No.: LB92728

Contract: Lab Code: CHEM

Case No.: LB92728

SAS No.: LB92728

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: LB92728

SDG No.: LB92728

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
PB105777BL	Reactive Cyanide	SOLID 0.0045	<0.05	Batch Number: U		PB105777 0.05		Prep Date: 01/19/2018	01/19/2018 13:54	LB92728

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92728 Level: LOW SDG No.: LB92728
Contract: _____ Lab Code: CHEM Case No.: LB92728 SAS No.: LB92728
Matrix: Solid Sample ID: J1018-07 Client ID: OR-02-011818-ADUP
Percent Solids for Sample: 100 Duplicate ID J1018-07DUP 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	0.00016	U			