

Daily Analysis Runlog For Sequence/QC Batch ID # LB94095

Review By		Review On				
SubDirectory		LB94095		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP62945,WP62946,WP62947,WP62948,WP62949,WP62950,WP62951				
ICV Standard		WP62953				
CCV Standard		WP62952				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP62954,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/23/18 07:36		OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/23/18 07:36		OK
3	10PPBCN	10PPBCN	CAL3	03/23/18 07:36		OK
4	50PPBCN	50PPBCN	CAL4	03/23/18 07:36		OK
5	100PPBCN	100PPBCN	CAL5	03/23/18 07:36		OK
6	250PPBCN	250PPBCN	CAL6	03/23/18 07:36		OK
7	500PPBCN	500PPBCN	CAL7	03/23/18 07:36		OK
8	ICV1	ICV1	ICV	03/23/18 11:05		OK
9	ICB1	ICB1	ICB	03/23/18 11:05		OK
10	CCV1	CCV1	CCV	03/23/18 11:05		OK
11	CCB1	CCB1	CCB	03/23/18 11:05		OK
12	PB107594BL	PB107594BL	MB	03/23/18 11:05		OK
13	J1748-08	AU-05-032218-A	SAM	03/23/18 11:05		OK
14	J1748-08DUP	AU-05-032218-ADUP	DUP	03/23/18 11:05		OK
15	J1748-10	AU-05-032218-B	SAM	03/23/18 11:05		OK
16	J1748-12	AU-05-032218-C	SAM	03/23/18 11:05		OK
17	J1748-14	AU-05-032218-D	SAM	03/23/18 11:05		OK
18	CCV2	CCV2	CCV	03/23/18 11:05		OK
19	CCB2	CCB2	CCB	03/23/18 11:08		OK



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Report of Analysis

Client:		Date Collected:	3/22/2018 12:00:00 AM
Project:	LB94095	Date Received:	3/22/2018 12:00:00 AM
Client Sample ID:	AU-05-032218-A	SDG No.:	LB94095
Lab Sample ID:	J1748-08	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	0.0037	U	1	0.025		0.05	mg/Kg	03/23/2018	03/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/22/2018 12:00:00 AM
Project:	LB94095	Date Received:	3/22/2018 12:00:00 AM
Client Sample ID:	AU-05-032218-B	SDG No.:	LB94095
Lab Sample ID:	J1748-10	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	0.0034	U	1	0.025		0.05	mg/Kg	03/23/2018	03/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/22/2018 12:00:00 AM
Project:	LB94095	Date Received:	3/22/2018 12:00:00 AM
Client Sample ID:	AU-05-032218-C	SDG No.:	LB94095
Lab Sample ID:	J1748-12	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	0.0022	U	1	0.025		0.05	mg/Kg	03/23/2018	03/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/22/2018 12:00:00 AM
Project:	LB94095	Date Received:	3/22/2018 12:00:00 AM
Client Sample ID:	AU-05-032218-D	SDG No.:	LB94095
Lab Sample ID:	J1748-14	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	0.0034	U	1	0.025		0.05	mg/Kg	03/23/2018	03/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/22/2018 12:00:00 AM
Project:	LB94095	Date Received:	3/22/2018 12:00:00 AM
Client Sample ID:	AU-05-032218-D	SDG No.:	LB94095
Lab Sample ID:	J1748-14	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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94095

SDG No.: LB94095

Contract: _____

Lab Code: CHEM

Case No.: LB94095

SAS No.: LB94095

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
ICV1	Reactive Cyanide	0.094	0.099	94.9		85 - 115		03/23/2018	11:05	LB94095



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94095

SDG No.: LB94095

Contract: _____ Lab Code: CHEM

Case No.: LB94095

SAS No.: LB94095

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	Reactive Cyanide	0.24	0.25	96		90 - 110		03/23/2018	11:05	LB94095
CCV2	Reactive Cyanide	0.24	0.25	96		90 - 110		03/23/2018	11:05	LB94095



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94095

SDG No.: LB94095

Contract:

Lab Code: CHEM

Case No.: LB94095

SAS No.: LB94095

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00072	+/-0.005	U		0.005		03/23/2018	11:05	LB94095
CCB2	Reactive Cyanide	0	+/-0.005	U		0.005		03/23/2018	11:08	LB94095



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB94095

SDG No.:

LB94095

Contract:

Lab Code:

CHEM

Case No.:

LB94095

SAS No.:

LB94095

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: LB94095

SDG No.: LB94095

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
PB107594BL	Reactive Cyanide	SOLID 0.003	<0.05	Batch Number: U		PB107594 0.05		Prep Date: 03/23/2018	03/23/2018 11:05	LB94095

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DUPLICATE SAMPLE SUMMARY

Client: LB94095 **Level:** LOW **SDG No.:** LB94095
Contract: **Lab Code:** CHEM **Case No.:** LB94095 **SAS No.:** LB94095
Matrix: Solid **Sample ID:** J1748-08 **Client ID:** AU-05-032218-ADUP
Percent Solids for Sample: 100 **Duplicate ID** J1748-08DUP **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	0.0029	U			