

Daily Analysis Runlog For Sequence/QC Batch ID # LB92163

Review By

Review On

SubDirectory

LB92163

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP60338,WP60339,WP60340,WP60341,WP60342,WP60343,WP60344
ICV Standard	WP60346
CCV Standard	WP60345
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP60349,WP59958,WP60150

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/14/17 12:29		OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/14/17 12:29		OK
3	10PPBCN	10PPBCN	CAL3	12/14/17 12:29		OK
4	50PPBCN	50PPBCN	CAL4	12/14/17 12:29		OK
5	100PPBCN	100PPBCN	CAL5	12/14/17 12:29		OK
6	250PPBCN	250PPBCN	CAL6	12/14/17 12:29		OK
7	500PPBCN	500PPBCN	CAL7	12/14/17 12:29		OK
8	ICV1	ICV1	ICV	12/14/17 12:55		OK
9	ICB1	ICB1	ICB	12/14/17 12:55		OK
10	CCV1	CCV1	CCV	12/14/17 12:55		OK
11	CCB1	CCB1	CCB	12/14/17 12:55		OK
12	PB105036BL	PB105036BL	MB	12/14/17 12:55		OK
13	I6678-02	JC-01-121317	SAM	12/14/17 12:55		OK
14	I6678-02DUP	JC-01-121317DUP	DUP	12/14/17 12:55		OK
15	I6679-04	HR-05-121317-A	SAM	12/14/17 13:01		OK
16	I6679-06	HR-05-121317-B	SAM	12/14/17 13:01		OK
17	I6679-08	HR-05-121317-C	SAM	12/14/17 13:01		OK
18	I6889-03	GIS-1(0-3)	SAM	12/14/17 13:01		OK
19	I6889-05	T-1(0-3)	SAM	12/14/17 13:01		OK
20	CCV2	CCV2	CCV	12/14/17 13:01		OK
21	CCB2	CCB2	CCB	12/14/17 13:01		OK



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Report of Analysis

Client:		Date Collected:	12/13/2017 12:00:00 AM
Project:	LB92163	Date Received:	12/13/2017 12:00:00 AM
Client Sample ID:	JC-01-121317	SDG No.:	LB92163
Lab Sample ID:	I6678-02	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	0.00023	U	1	0.025		0.05	mg/Kg	12/14/2017	12/14/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/13/2017 12:00:00 AM
Project:	LB92163	Date Received:	12/13/2017 12:00:00 AM
Client Sample ID:	HR-05-121317-A	SDG No.:	LB92163
Lab Sample ID:	I6679-04	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	0.0006	U	1	0.025		0.05	mg/Kg	12/14/2017	12/14/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/13/2017 12:00:00 AM
Project:	LB92163	Date Received:	12/13/2017 12:00:00 AM
Client Sample ID:	HR-05-121317-B	SDG No.:	LB92163
Lab Sample ID:	I6679-06	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	0.00067	U	1	0.025		0.05	mg/Kg	12/14/2017	12/14/2017	9012B

Report of Analysis

Client:		Date Collected:	12/13/2017 12:00:00 AM
Project:	LB92163	Date Received:	12/13/2017 12:00:00 AM
Client Sample ID:	HR-05-121317-C	SDG No.:	LB92163
Lab Sample ID:	I6679-08	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	0.00052	U	1	0.025		0.05	mg/Kg	12/14/2017	12/14/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/13/2017 12:00:00 AM
Project:	LB92163	Date Received:	12/13/2017 12:00:00 AM
Client Sample ID:	GIS-1(0-3)	SDG No.:	LB92163
Lab Sample ID:	I6889-03	Matrix:	Solid
Level (low/med):	low	% Solid:	89.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.002	U	1	0.025		0.05	mg/Kg	12/14/2017	12/14/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/13/2017 12:00:00 AM
Project:	LB92163	Date Received:	12/13/2017 12:00:00 AM
Client Sample ID:	T-1(0-3)	SDG No.:	LB92163
Lab Sample ID:	I6889-05	Matrix:	Solid
Level (low/med):	low	% Solid:	87.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0023	U	1	0.025		0.05	mg/Kg	12/14/2017	12/14/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/13/2017 12:00:00 AM
Project:	LB92163	Date Received:	12/13/2017 12:00:00 AM
Client Sample ID:	T-1(0-3)	SDG No.:	LB92163
Lab Sample ID:	I6889-05	Matrix:	Solid
Level (low/med):	low	% Solid:	87.9

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: LB92163

SDG No.: LB92163

Contract: _____ Lab Code: CHEM

Case No.: LB92163

SAS No.: LB92163

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		12/14/2017	12:55	lb92163
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		12/14/2017	13:01	lb92163



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92163 **SDG No.:** LB92163
Contract: **Lab Code:** CHEM **Case No.:** LB92163 **SAS No.:** LB92163

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00044	+/-0.005	U		0.005		12/14/2017	12:55	lb92163



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92163

SDG No.: LB92163

Contract:

Lab Code: CHEM

Case No.: LB92163

SAS No.: LB92163

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00077	+/-0.005	U		0.005		12/14/2017	12:55	1b92163
CCB2	Reactive Cyanide	0.00046	+/-0.005	U		0.005		12/14/2017	13:01	1b92163



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92163

SDG No.: LB92163

Contract: Lab Code: CHEM

Case No.: LB92163

SAS No.: LB92163

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: LB92163

SDG No.: LB92163

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
PB105036BL	Reactive Cyanide	SOLID 0.0039	<0.05	Batch Number: U		PB105036 0.05		Prep Date: 12/14/2017	12/14/2017 12:55	lb92163

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB92163 **Level:** LOW **SDG No.:** LB92163
Contract: **Lab Code:** CHEM **Case No.:** LB92163 **SAS No.:** LB92163
Matrix: Solid **Sample ID:** I6678-02 **Client ID:** JC-01-121317DUP
Percent Solids for Sample: 100 **Duplicate ID** I6678-02DUP **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	-0.0014	U			