

Daily Analysis Runlog For Sequence/QC Batch ID # LB89833

Review By

Review On

SubDirectory

LB89833

Test :

Reactive Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP57635,WP57636,WP57637,WP57638,WP57639,WP57640,WP57633				
ICV Standard		WP57642				
CCV Standard		WP57643				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP57641,WP55355,WP55836				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	09/01/17 10:14		OK
2	5.0PPBCN	5.0PPBCN	CAL2	09/01/17 10:14		OK
3	10PPBCN	10PPBCN	CAL3	09/01/17 10:14		OK
4	50PPBCN	50PPBCN	CAL4	09/01/17 10:14		OK
5	100PPBCN	100PPBCN	CAL5	09/01/17 10:14		OK
6	250PPBCN	250PPBCN	CAL6	09/01/17 10:14		OK
7	500PPBCN	500PPBCN	CAL7	09/01/17 10:14		OK
8	ICV1	ICV1	ICV	09/01/17 11:38		OK
9	ICB1	ICB1	ICB	09/01/17 11:38		OK
10	CCV1	CCV1	CCV	09/01/17 11:38		OK
11	CCB1	CCB1	CCB	09/01/17 11:38		OK
12	PB101976BL	PB101976BL	MB	09/01/17 11:38		OK
13	I4972-02	5-POST1	SAM	09/01/17 11:38		OK
14	I4972-02DUP	5-POST1DUP	DUP	09/01/17 11:44		OK
15	I5036-03	T2-T3-COMP	SAM	09/01/17 11:45		OK
16	I5049-03	TR-04-083017	SAM	09/01/17 11:45		OK
17	I5050-04	RT4651-1540	SAM	09/01/17 11:45		OK
18	I5051-03	TEC-B2-COMP	SAM	09/01/17 11:45		OK
19	I5055-06	RT3992-20-41-RT344	SAM	09/01/17 11:45		OK
20	CCV2	CCV2	CCV	09/01/17 11:45		OK
21	CCB2	CCB2	CCB	09/01/17 11:45		OK



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Report of Analysis

Client:		Date Collected:	8/23/2017 12:00:00 AM
Project:	LB89833	Date Received:	8/24/2017 12:00:00 AM
Client Sample ID:	5-POST1	SDG No.:	LB89833
Lab Sample ID:	I4972-02	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	-0.015	U	1	0.025		0.05	mg/Kg	08/31/2017	09/01/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89833	Date Received:	8/30/2017 12:00:00 AM
Client Sample ID:	T2-T3-COMP	SDG No.:	LB89833
Lab Sample ID:	I5036-03	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	-0.014	U	1	0.025		0.05	mg/Kg	08/31/2017	09/01/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89833	Date Received:	8/30/2017 12:00:00 AM
Client Sample ID:	TR-04-083017	SDG No.:	LB89833
Lab Sample ID:	I5049-03	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	-0.015	U	1	0.025		0.05	mg/Kg	08/31/2017	09/01/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89833	Date Received:	8/30/2017 12:00:00 AM
Client Sample ID:	RT4651-1540	SDG No.:	LB89833
Lab Sample ID:	I5050-04	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	-0.017	U	1	0.025		0.05	mg/Kg	08/31/2017	09/01/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89833	Date Received:	8/30/2017 12:00:00 AM
Client Sample ID:	TEC-B2-COMP	SDG No.:	LB89833
Lab Sample ID:	I5051-03	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	-0.01	U	1	0.025		0.05	mg/Kg	08/31/2017	09/01/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89833	Date Received:	8/30/2017 12:00:00 AM
Client Sample ID:	RT3992-20-41-RT3451-1550	SDG No.:	LB89833
Lab Sample ID:	I5055-06	Matrix:	Solid
Level (low/med):	low	% Solid:	92.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.011	U	1	0.025		0.05	mg/Kg	08/31/2017	09/01/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89833	Date Received:	8/30/2017 12:00:00 AM
Client Sample ID:	RT3992-20-41-RT3451-1550	SDG No.:	LB89833
Lab Sample ID:	I5055-06	Matrix:	Solid
Level (low/med):	low	% Solid:	92.1

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: LB89833

SDG No.: LB89833

Contract: _____ Lab Code: CHEM

Case No.: LB89833

SAS No.: LB89833

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	0.097	0.099	98	0	85 - 115		09/01/2017	11:38	LB89833



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB89833

SDG No.: LB89833

Contract: _____ Lab Code: CHEM

Case No.: LB89833

SAS No.: LB89833

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	0.25	0.25	100	0	90 - 110		09/01/2017	11:38	LB89833
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		09/01/2017	11:45	LB89833



GENCHEM

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89833

SDG No.: LB89833

Contract:

Lab Code: CHEM

Case No.: LB89833

SAS No.: LB89833

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00054	+/-0.005	U		0.005		09/01/2017	11:38	LB89833



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89833

SDG No.: LB89833

Contract:

Lab Code: CHEM

Case No.: LB89833

SAS No.: LB89833

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00082	+/-0.005	U		0.005		09/01/2017	11:38	LB89833
CCB2	Reactive Cyanide	-0.0015	+/-0.005	U		0.005		09/01/2017	11:45	LB89833



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89833

SDG No.: LB89833

Contract: Lab Code: CHEM

Case No.: LB89833

SAS No.: LB89833

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: LB89833

SDG No.: LB89833

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
PB101976BL	Reactive Cyanide	SOLID -0.007	<0.05	Batch Number: U		PB101976 0.05		Prep Date: 09/01/2017	08/31/2017 11:38	LB89833

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DUPLICATE SAMPLE SUMMARY

Client: LB89833 Level: LOW SDG No.: LB89833
Contract: _____ Lab Code: CHEM Case No.: LB89833 SAS No.: LB89833
Matrix: Solid Sample ID: I4972-02 Client ID: 5-POST1DUP
Percent Solids for Sample: 100 Duplicate ID I4972-02DUP 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	-0.012	U			