

Daily Analysis Runlog For Sequence/QC Batch ID # LB89423

Review By		Review On				
SubDirectory		LB89423		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP57169,WP57170,WP57171,WP57171,WP57172,WP57173,WP57173,WP57174,WP57175,WP57176				
ICV Standard		WP57179				
CCV Standard		WP57178				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP5177,WP55355,WP55836				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	08/11/17 09:58		OK
2	5.0PPBCN	5.0PPBCN	CAL2	08/11/17 09:58		OK
3	10PPBCN	10PPBCN	CAL3	08/11/17 09:58		OK
4	50PPBCN	50PPBCN	CAL4	08/11/17 09:58		OK
5	100PPBCN	100PPBCN	CAL5	08/11/17 09:58		OK
6	250PPBCN	250PPBCN	CAL6	08/11/17 09:58		OK
7	500PPBCN	500PPBCN	CAL7	08/11/17 09:58		OK
8	ICV1	ICV1	ICV	08/11/17 13:24		OK
9	ICB1	ICB1	ICB	08/11/17 13:24		OK
10	CCV1	CCV1	CCV	08/11/17 13:24		OK
11	CCB1	CCB1	CCB	08/11/17 13:24		OK
12	PB101414BL	PB101414BL	MB	08/11/17 13:24		OK
13	I4683-02	CAPTAINSCOVE-WC	SAM	08/11/17 13:24		OK
14	I4683-02DUP	CAPTAINSCOVE-WC	DUP	08/11/17 13:24		OK
15	I4695-03	TR-04-080917	SAM	08/11/17 13:24		OK
16	I4699-03	SU-04-080917	SAM	08/11/17 13:24		OK
17	I4700-06	NB-01-080917-B	SAM	08/11/17 13:24		OK
18	I4700-09	NB-01-080917-C	SAM	08/11/17 13:25		OK
19	I4700-03	NB-01-080917-A	SAM	08/11/17 13:30		OK
20	CCV2	CCV2	CCV	08/11/17 13:30		OK
21	CCB2	CCB2	CCB	08/11/17 13:30		OK



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Report of Analysis

Client:		Date Collected:	8/8/2017 12:00:00 AM
Project:	LB89423	Date Received:	8/9/2017 12:00:00 AM
Client Sample ID:	CAPTAINSCOVE-WC-001	SDG No.:	LB89423
Lab Sample ID:	I4683-02	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	-0.01	U	1	0.025		0.05	mg/Kg	08/10/2017	08/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/9/2017 12:00:00 AM
Project:	LB89423	Date Received:	8/9/2017 12:00:00 AM
Client Sample ID:	TR-04-080917	SDG No.:	LB89423
Lab Sample ID:	I4695-03	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	-0.012	U	1	0.025		0.05	mg/Kg	08/10/2017	08/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/9/2017 12:00:00 AM
Project:	LB89423	Date Received:	8/9/2017 12:00:00 AM
Client Sample ID:	SU-04-080917	SDG No.:	LB89423
Lab Sample ID:	I4699-03	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	-0.013	U	1	0.025		0.05	mg/Kg	08/10/2017	08/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/9/2017 12:00:00 AM
Project:	LB89423	Date Received:	8/9/2017 12:00:00 AM
Client Sample ID:	NB-01-080917-A	SDG No.:	LB89423
Lab Sample ID:	I4700-03	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	-0.007	U	1	0.025		0.05	mg/Kg	08/10/2017	08/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/9/2017 12:00:00 AM
Project:	LB89423	Date Received:	8/9/2017 12:00:00 AM
Client Sample ID:	NB-01-080917-B	SDG No.:	LB89423
Lab Sample ID:	I4700-06	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	-0.014	U	1	0.025		0.05	mg/Kg	08/10/2017	08/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/9/2017 12:00:00 AM
Project:	LB89423	Date Received:	8/9/2017 12:00:00 AM
Client Sample ID:	NB-01-080917-C	SDG No.:	LB89423
Lab Sample ID:	I4700-09	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	-0.013	U	1	0.025		0.05	mg/Kg	08/10/2017	08/11/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/9/2017 12:00:00 AM
Project:	LB89423	Date Received:	8/9/2017 12:00:00 AM
Client Sample ID:	NB-01-080917-C	SDG No.:	LB89423
Lab Sample ID:	I4700-09	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB89423

SDG No.: LB89423

Contract: _____ Lab Code: CHEM

Case No.: LB89423

SAS No.: LB89423

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	0.096	0.099	97	0	85 - 115		08/11/2017	13:24	LB89423



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89423

SDG No.: LB89423

Contract:

Lab Code: CHEM

Case No.: LB89423

SAS No.: LB89423

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00023	+/-0.005	U		0.005		08/11/2017	13:24	LB89423



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89423

SDG No.: LB89423

Contract:

Lab Code: CHEM

Case No.: LB89423

SAS No.: LB89423

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00019	+/-0.005	U		0.005		08/11/2017	13:24	LB89423
CCB2	Reactive Cyanide	-0.00012	+/-0.005	U		0.005		08/11/2017	13:30	LB89423



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89423

SDG No.: LB89423

Contract: Lab Code: CHEM

Case No.: LB89423

SAS No.: LB89423

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: LB89423

SDG No.: LB89423

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
PB101414BL	Reactive Cyanide	SOLID -0.0039	<0.05	Batch Number: U		PB101414 0.05		Prep Date: 08/11/2017	08/10/2017 13:24	LB89423

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DUPLICATE SAMPLE SUMMARY

Client: LB89423 **Level:** LOW **SDG No.:** LB89423
Contract: **Lab Code:** CHEM **Case No.:** LB89423 **SAS No.:** LB89423
Matrix: Solid **Sample ID:** I4683-02 **Client ID:** CAPTAINSCOVE-WC-001DUP
Percent Solids for Sample: 100 **Duplicate ID** I4683-02DUP **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	-0.014	U			