

Daily Analysis Runlog For Sequence/QC Batch ID # LB89928

Review By

Review On

SubDirectory

LB89928

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP57756,WP57757,WP57758,WP57759,WP57760,WP57761,WP57762,WP57763
ICV Standard	wp57765
CCV Standard	wp57766
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	wp57764,wp55355,wp55836

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	09/07/17 13:26		OK
2	5.0PPBCN	5.0PPBCN	CAL2	09/07/17 13:26		OK
3	10PPBCN	10PPBCN	CAL3	09/07/17 13:26		OK
4	50PPBCN	50PPBCN	CAL4	09/07/17 13:26		OK
5	100PPBCN	100PPBCN	CAL5	09/07/17 13:26		OK
6	250PPBCN	250PPBCN	CAL6	09/07/17 13:26		OK
7	500PPBCN	500PPBCN	CAL7	09/07/17 13:26		OK
8	ICV1	ICV1	ICV	09/07/17 15:05		OK
9	ICB1	ICB1	ICB	09/07/17 15:05		OK
10	CCV1	CCV1	CCV	09/07/17 15:05		OK
11	CCB1	CCB1	CCB	09/07/17 15:05		OK
12	PB102094BL	PB102094BL	MB	09/07/17 15:05		OK
13	PB102118BL	PB102118BL	MB	09/07/17 15:05		OK
14	I5120-03	B-16(0-10)COMP	SAM	09/07/17 15:05		OK
15	I5120-03DUP	B-16(0-10)COMPDU	DUP	09/07/17 15:05		OK
16	I5122-03	SU-04-090617	SAM	09/07/17 15:05		OK
17	I5126-03	TR-05-090617	SAM	09/07/17 15:10		OK
18	I5133-02	VNJ-204	SAM	09/07/17 15:10		OK
19	I5137-02	TP-1-COMP	SAM	09/07/17 15:10		OK
20	I5109-02	DRUM-1-2-COMP	SAM	09/07/17 15:26		OK
21	I5109-02DUP	DRUM-1-2-COMPDU	DUP	09/07/17 15:26		OK



Instrument ID : KONELAB

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Daily Analysis Runlog For Sequence/QCBatch ID # LB89928

Review By		Review On				
SubDirectory		Test : Reactive Cyanide				
LB89928						
STD. NAME	STD REF.#					
ICAL Standard	WP57756,WP57757,WP57758,WP57759,WP57760,WP57761,WP57762,WP57763					
ICV Standard	wp57765					
CCV Standard	wp57766					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	wp57764,wp55355,wp55836					
22	CCV2	CCV2	CCV	09/07/17 15:26		OK
23	CCB2	CCB2	CCB	09/07/17 15:26		OK



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Report of Analysis

Client:		Date Collected:	9/5/2017 12:00:00 AM
Project:	LB89928	Date Received:	9/5/2017 12:00:00 AM
Client Sample ID:	DRUM-1-2-COMP	SDG No.:	LB89928
Lab Sample ID:	I5109-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0001	U	1	0.0025		0.005	mg/L	09/06/2017	09/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	9/6/2017 12:00:00 AM
Project:	LB89928	Date Received:	9/6/2017 12:00:00 AM
Client Sample ID:	B-16(0-10)COMP	SDG No.:	LB89928
Lab Sample ID:	I5120-03	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	09/07/2017	09/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	9/6/2017 12:00:00 AM
Project:	LB89928	Date Received:	9/6/2017 12:00:00 AM
Client Sample ID:	SU-04-090617	SDG No.:	LB89928
Lab Sample ID:	I5122-03	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	-0.0075	U	1	0.025		0.05	mg/Kg	09/07/2017	09/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	9/6/2017 12:00:00 AM
Project:	LB89928	Date Received:	9/6/2017 12:00:00 AM
Client Sample ID:	TR-05-090617	SDG No.:	LB89928
Lab Sample ID:	I5126-03	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	-0.0066	U	1	0.025		0.05	mg/Kg	09/07/2017	09/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	9/6/2017 12:00:00 AM
Project:	LB89928	Date Received:	9/6/2017 12:00:00 AM
Client Sample ID:	VNJ-204	SDG No.:	LB89928
Lab Sample ID:	I5133-02	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	-0.0099	U	1	0.025		0.05	mg/Kg	09/07/2017	09/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	9/6/2017 12:00:00 AM
Project:	LB89928	Date Received:	9/6/2017 12:00:00 AM
Client Sample ID:	TP-1-COMP	SDG No.:	LB89928
Lab Sample ID:	I5137-02	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	-0.0088	U	1	0.025		0.05	mg/Kg	09/07/2017	09/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	9/6/2017 12:00:00 AM
Project:	LB89928	Date Received:	9/6/2017 12:00:00 AM
Client Sample ID:	TP-1-COMP	SDG No.:	LB89928
Lab Sample ID:	I5137-02	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: LB89928

SDG No.: LB89928

Contract: _____ Lab Code: CHEM

Case No.: LB89928

SAS No.: LB89928

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		09/07/2017	15:05	LB89928
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		09/07/2017	15:26	LB89928



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89928

SDG No.: LB89928

Contract:

Lab Code: CHEM

Case No.: LB89928

SAS No.: LB89928

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00017	+/-0.005	U		0.005		09/07/2017	15:05	LB89928

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00052	+/-0.005	U		0.005		09/07/2017	15:05	LB89928
CCB2	Reactive Cyanide	-0.001	+/-0.005	U		0.005		09/07/2017	15:26	LB89928



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89928

SDG No.: LB89928

Contract: Lab Code: CHEM

Case No.: LB89928

SAS No.: LB89928

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB89928

SDG No.: LB89928

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB102094BL	Reactive Cyanide	WATER		Batch Number:		PB102094		Prep Date:	09/06/2017	
		-0.0001	<0.005	U		0.005		09/07/2017	15:05	LB89928
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB102118BL	Reactive Cyanide	SOLID		Batch Number:		PB102118		Prep Date:	09/07/2017	
		-0.0031	<0.05	U		0.05		09/07/2017	15:05	LB89928

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89928 **Level:** LOW **SDG No.:** LB89928
Contract: **Lab Code:** CHEM **Case No.:** LB89928 **SAS No.:** LB89928
Matrix: WATER **Sample ID:** I5109-02 **Client ID:** DRUM-1-2-COMPDUP
Percent Solids for Sample: 0 **Duplicate ID** I5109-02DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/L	20	0.0025	U	-0.00076	U			

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89928 **Level:** LOW **SDG No.:** LB89928
Contract: **Lab Code:** CHEM **Case No.:** LB89928 **SAS No.:** LB89928
Matrix: Solid **Sample ID:** I5120-03 **Client ID:** B-16(0-10)COMPDUP
Percent Solids for Sample: 100 **Duplicate ID** I5120-03DUP **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	-0.005	U			