

Daily Analysis Runlog For Sequence/QC Batch ID # LB88281

Review By

SubDirectory

Review On

Test :

LB88281

Reactive Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP55856,WP55857,WP55858,WP55859,WP55860,WP55861,WP55862,WP55863,WP55864				
ICV Standard		WP55867				
CCV Standard		WP55866				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP55865,WP55836,WP55355				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/22/17 09:14		OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/22/17 09:14		OK
3	10PPBCN	10PPBCN	CAL3	06/22/17 09:14		OK
4	50PPBCN	50PPBCN	CAL4	06/22/17 09:14		OK
5	100PPBCN	100PPBCN	CAL5	06/22/17 09:14		OK
6	250PPBCN	250PPBCN	CAL6	06/22/17 09:14		OK
7	500PPBCN	500PPBCN	CAL7	06/22/17 09:14		OK
8	ICV1	ICV1	ICV	06/22/17 13:24		OK
9	ICB1	ICB1	ICB	06/22/17 13:24		OK
10	CCV1	CCV1	CCV	06/22/17 13:24		OK
11	CCB1	CCB1	CCB	06/22/17 13:24		OK
12	PB100034BL	PB100034BL	MB	06/22/17 13:24		OK
13	I3808-09	DRUM-002-COMP	SAM	06/22/17 13:24		OK
14	I3808-09DUP	DRUM-002-COMPDU	DUP	06/22/17 13:24		OK
15	I3840-09	WC-B48-B49-002	SAM	06/22/17 13:24		OK
16	I3840-10	WC-B53-B54-002	SAM	06/22/17 13:24		OK
17	I3840-11	WC-B45-B44-002	SAM	06/22/17 13:24		OK
18	I3840-12	WC-B56-B57-002	SAM	06/22/17 13:24		OK
19	PB100035BL	PB100035BL	MB	06/22/17 13:29		OK
20	I3808-05	DRUM-001-003-004	SAM	06/22/17 13:29		OK
21	I3808-05DUP	DRUM-001-003-004	DUP	06/22/17 13:29		OK



Instrument ID : KONELAB

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

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SubDirectory		Test : Reactive Cyanide				
LB88281						
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ICV Standard	WP55867					
CCV Standard	WP55866					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP55865,WP55836,WP55355					
22	CCV2	CCV2	CCV	06/22/17 13:29		OK
23	CCB2	CCB2	CCB	06/22/17 13:29		OK



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Report of Analysis

Client:		Date Collected:	6/21/2017 12:00:00 AM
Project:	LB88281	Date Received:	6/21/2017 12:00:00 AM
Client Sample ID:	DRUM-001-003-004-COMP	SDG No.:	LB88281
Lab Sample ID:	I3808-05	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	-0.00085	U	1	0.0025		0.005	mg/L	06/22/2017	06/22/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/21/2017 12:00:00 AM
Project:	LB88281	Date Received:	6/21/2017 12:00:00 AM
Client Sample ID:	DRUM-002-COMP	SDG No.:	LB88281
Lab Sample ID:	I3808-09	Matrix:	Solid
Level (low/med):	low	% Solid:	73.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0053	U	1	0.025		0.05	mg/Kg	06/22/2017	06/22/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/20/2017 12:00:00 AM
Project:	LB88281	Date Received:	6/21/2017 12:00:00 AM
Client Sample ID:	WC-B48-B49-002	SDG No.:	LB88281
Lab Sample ID:	I3840-09	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	-0.0012	U	1	0.025		0.05	mg/Kg	06/22/2017	06/22/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/20/2017 12:00:00 AM
Project:	LB88281	Date Received:	6/21/2017 12:00:00 AM
Client Sample ID:	WC-B53-B54-002	SDG No.:	LB88281
Lab Sample ID:	I3840-10	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	-0.0066	U	1	0.025		0.05	mg/Kg	06/22/2017	06/22/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/20/2017 12:00:00 AM
Project:	LB88281	Date Received:	6/21/2017 12:00:00 AM
Client Sample ID:	WC-B45-B44-002	SDG No.:	LB88281
Lab Sample ID:	I3840-11	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	06/22/2017	06/22/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/20/2017 12:00:00 AM
Project:	LB88281	Date Received:	6/21/2017 12:00:00 AM
Client Sample ID:	WC-B56-B57-002	SDG No.:	LB88281
Lab Sample ID:	I3840-12	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	-0.0051	U	1	0.025		0.05	mg/Kg	06/22/2017	06/22/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/20/2017 12:00:00 AM
Project:	LB88281	Date Received:	6/21/2017 12:00:00 AM
Client Sample ID:	WC-B56-B57-002	SDG No.:	LB88281
Lab Sample ID:	I3840-12	Matrix:	Solid
Level (low/med):	low	% Solid:	100

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB88281

SDG No.: LB88281

Contract:

Lab Code: CHEM

Case No.: LB88281

SAS No.: LB88281

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00021	+/-0.005	U		0.005		06/22/2017	13:24	LB88281



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB88281

SDG No.: LB88281

Contract:

Lab Code: CHEM

Case No.: LB88281

SAS No.: LB88281

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.0001	+/-0.005	U		0.005		06/22/2017	13:24	LB88281
CCB2	Reactive Cyanide	0.00025	+/-0.005	U		0.005		06/22/2017	13:29	LB88281



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB88281

SDG No.: LB88281

Contract: Lab Code: CHEM

Case No.: LB88281

SAS No.: LB88281

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: LB88281

SDG No.: LB88281

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
PB100034BL	Reactive Cyanide	SOLID		Batch Number:		PB100034		Prep Date:	06/22/2017	
		-0.00034	<0.05	U		0.05		06/22/2017	13:24	LB88281
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB100035BL	Reactive Cyanide	WATER		Batch Number:		PB100035		Prep Date:	06/22/2017	
		-0.00085	<0.005	U		0.005		06/22/2017	13:29	LB88281

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB88281 **Level:** LOW **SDG No.:** LB88281
Contract: **Lab Code:** CHEM **Case No.:** LB88281 **SAS No.:** LB88281
Matrix: WATER **Sample ID:** I3808-05 **Client ID:** DRUM-001-003-004-COMPDUP
Percent Solids for Sample: 0 **Duplicate ID** I3808-05DUP **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	-0.00067	U			

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB88281 **Level:** LOW **SDG No.:** LB88281
Contract: **Lab Code:** CHEM **Case No.:** LB88281 **SAS No.:** LB88281
Matrix: Solid **Sample ID:** I3808-09 **Client ID:** DRUM-002-COMPDUP
Percent Solids for Sample: 73.1 **Duplicate ID** I3808-09DUP **Percent Solids for Spike Sample:** 73.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	-0.0077	U			