

Daily Analysis Runlog For Sequence/QC Batch ID # LB92186

Review By

Review On

SubDirectory

LB92186

Test :

Reactive Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP60388,WP60389,WP60390,WP60391,WP60392,WP60393,WP60394				
ICV Standard		WP60396				
CCV Standard		WP60395				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP60397,WP59958,WP60150				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/15/17 11:19		OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/15/17 11:19		OK
3	10PPBCN	10PPBCN	CAL3	12/15/17 11:19		OK
4	50PPBCN	50PPBCN	CAL4	12/15/17 11:19		OK
5	100PPBCN	100PPBCN	CAL5	12/15/17 11:19		OK
6	250PPBCN	250PPBCN	CAL6	12/15/17 11:19		OK
7	500PPBCN	500PPBCN	CAL7	12/15/17 11:19		OK
8	ICV1	ICV1	ICV	12/15/17 12:41		OK
9	ICB1	ICB1	ICB	12/15/17 12:41		OK
10	CCV1	CCV1	CCV	12/15/17 12:41		OK
11	CCB1	CCB1	CCB	12/15/17 12:41		OK
12	PB105066BL	PB105066BL	MB	12/15/17 12:41		OK
13	I6680-12	CL-02-121417-A	SAM	12/15/17 12:41		OK
14	I6680-12DUP	CL-02-121417-ADUP	DUP	12/15/17 12:41		OK
15	I6680-14	CL-02-121417-B	SAM	12/15/17 12:41		OK
16	I6680-16	CL-02-121417-C	SAM	12/15/17 12:47		OK
17	I6680-18	CL-02-121417-D	SAM	12/15/17 12:47		OK
18	I6744-13	PROS-3-E(11-12)	SAM	12/15/17 12:47		OK
19	I6911-02	SL-TRANSFORMER	SAM	12/15/17 12:47		OK
20	I6919-02	339	SAM	12/15/17 12:47		OK
21	CCV2	CCV2	CCV	12/15/17 12:47		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				
LB92186						
STD. NAME	STD REF.#					
ICAL Standard	WP60388,WP60389,WP60390,WP60391,WP60392,WP60393,WP60394					
ICV Standard	WP60396					
CCV Standard	WP60395					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP60397,WP59958,WP60150					
22	CCB2	CCB2	CCB	12/15/17 12:47		OK



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Report of Analysis

Client:		Date Collected:	12/14/2017 12:00:00 AM
Project:	LB92186	Date Received:	12/14/2017 12:00:00 AM
Client Sample ID:	CL-02-121417-A	SDG No.:	LB92186
Lab Sample ID:	I6680-12	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	-0.0014	U	1	0.025		0.05	mg/Kg	12/15/2017	12/15/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/14/2017 12:00:00 AM
Project:	LB92186	Date Received:	12/14/2017 12:00:00 AM
Client Sample ID:	CL-02-121417-B	SDG No.:	LB92186
Lab Sample ID:	I6680-14	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	-0.0032	U	1	0.025		0.05	mg/Kg	12/15/2017	12/15/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/14/2017 12:00:00 AM
Project:	LB92186	Date Received:	12/14/2017 12:00:00 AM
Client Sample ID:	CL-02-121417-C	SDG No.:	LB92186
Lab Sample ID:	I6680-16	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	-0.004	U	1	0.025		0.05	mg/Kg	12/15/2017	12/15/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/14/2017 12:00:00 AM
Project:	LB92186	Date Received:	12/14/2017 12:00:00 AM
Client Sample ID:	CL-02-121417-D	SDG No.:	LB92186
Lab Sample ID:	I6680-18	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	-0.0033	U	1	0.025		0.05	mg/Kg	12/15/2017	12/15/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/4/2017 12:00:00 AM
Project:	LB92186	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	PROS-3-E(11-12)	SDG No.:	LB92186
Lab Sample ID:	I6744-13	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	-0.0033	U	1	0.025		0.05	mg/Kg	12/15/2017	12/15/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/14/2017 12:00:00 AM
Project:	LB92186	Date Received:	12/14/2017 12:00:00 AM
Client Sample ID:	SL-TRANSFORMERS	SDG No.:	LB92186
Lab Sample ID:	I6911-02	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	-0.0016	U	1	0.025		0.05	mg/Kg	12/15/2017	12/15/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/14/2017 12:00:00 AM
Project:	LB92186	Date Received:	12/14/2017 12:00:00 AM
Client Sample ID:	339	SDG No.:	LB92186
Lab Sample ID:	I6919-02	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	-0.00072	U	1	0.025		0.05	mg/Kg	12/15/2017	12/15/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/14/2017 12:00:00 AM
Project:	LB92186	Date Received:	12/14/2017 12:00:00 AM
Client Sample ID:	339	SDG No.:	LB92186
Lab Sample ID:	I6919-02	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: LB92186

SDG No.: LB92186

Contract: _____ Lab Code: CHEM

Case No.: LB92186

SAS No.: LB92186

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		12/15/2017	12:41	lb92186
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		12/15/2017	12:47	lb92186



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92186 **SDG No.:** LB92186
Contract: **Lab Code:** CHEM **Case No.:** LB92186 **SAS No.:** LB92186

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0	+/-0.005	U		0.005		12/15/2017	12:41	lb92186



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92186

SDG No.: LB92186

Contract:

Lab Code: CHEM

Case No.: LB92186

SAS No.: LB92186

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		12/15/2017	12:41	1b92186
CCB2	Reactive Cyanide	-0.00013	+/-0.005	U		0.005		12/15/2017	12:47	1b92186



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92186

SDG No.: LB92186

Contract: Lab Code: CHEM

Case No.: LB92186

SAS No.: LB92186

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: LB92186

SDG No.: LB92186

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
PB105066BL	Reactive Cyanide	SOLID -0.00032	<0.05	Batch Number: U		PB105066 0.05		Prep Date: 12/15/2017	12/15/2017 12:41	lb92186

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB92186 Level: LOW SDG No.: LB92186
Contract: _____ Lab Code: CHEM Case No.: LB92186 SAS No.: LB92186
Matrix: Solid Sample ID: I6680-12 Client ID: CL-02-121417-ADUP
Percent Solids for Sample: 100 Duplicate ID I6680-12DUP 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	-0.0011	U			