

Daily Analysis Runlog For Sequence/QC Batch ID # LB89626

Review By

Review On

SubDirectory

LB89626

Test :

Reactive Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP57376,WP57377,WP57378,WP57379,WP57380,WP57381,WP57382,WP57383				
ICV Standard		WP57386				
CCV Standard		WP57385				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP57384,WP55355,WP55836				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	08/21/17 09:29		OK
2	5.0PPBCN	5.0PPBCN	CAL2	08/21/17 09:29		OK
3	10PPBCN	10PPBCN	CAL3	08/21/17 09:29		OK
4	50PPBCN	50PPBCN	CAL4	08/21/17 09:29		OK
5	100PPBCN	100PPBCN	CAL5	08/21/17 09:29		OK
6	250PPBCN	250PPBCN	CAL6	08/21/17 09:29		OK
7	500PPBCN	500PPBCN	CAL7	08/21/17 09:29		OK
8	ICV1	ICV1	ICV	08/21/17 15:51		OK
9	ICB1	ICB1	ICB	08/21/17 15:51		OK
10	CCV1	CCV1	CCV	08/21/17 15:51		OK
11	CCB1	CCB1	CCB	08/21/17 15:51		OK
12	PB101722BL	PB101722BL	MB	08/21/17 15:51		OK
13	I4869-05	SASP2P-TP-106-A(0	SAM	08/21/17 15:51		OK
14	I4869-05DUP	SASP2P-TP-106-A(0	DUP	08/21/17 15:58		OK
15	I4869-06	SASP2P-TP-106-B(0	SAM	08/21/17 15:58		OK
16	I4892-03	HR-06-081817	SAM	08/21/17 15:58		OK
17	I4898-03	NB-08-081817-A	SAM	08/21/17 15:58		OK
18	I4898-06	NB-08-081817-B	SAM	08/21/17 15:58		OK
19	I4900-16	220-1-STONE	SAM	08/21/17 15:58		OK
20	I4900-18	220-2-STONE	SAM	08/21/17 15:58		OK
21	CCV2	CCV2	CCV	08/21/17 15:58		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				
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ICV Standard		WP57386				
CCV Standard		WP57385				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP57384,WP55355,WP55836				
22	CCB2	CCB2	CCB	08/21/17 15:58		OK
23	I4889-05	SASP2P-TP-106-L(0	SAM	08/21/17 16:26		OK
24	CCV3	CCV3	CCV	08/21/17 16:43		OK
25	CCB3	CCB3	CCB	08/21/17 16:43		OK



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Report of Analysis

Client:		Date Collected:	8/16/2017 12:00:00 AM
Project:	LB89626	Date Received:	8/17/2017 12:00:00 AM
Client Sample ID:	SASP2P-TP-106-A(0-5)COMP	SDG No.:	LB89626
Lab Sample ID:	I4869-05	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	-0.0078	U	1	0.025		0.05	mg/Kg	08/21/2017	08/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/16/2017 12:00:00 AM
Project:	LB89626	Date Received:	8/17/2017 12:00:00 AM
Client Sample ID:	SASP2P-TP-106-B(0-5)COMP	SDG No.:	LB89626
Lab Sample ID:	I4869-06	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	08/21/2017	08/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/17/2017 12:00:00 AM
Project:	LB89626	Date Received:	8/18/2017 12:00:00 AM
Client Sample ID:	SASP2P-TP-106-L(0-5)COMP	SDG No.:	LB89626
Lab Sample ID:	I4889-05	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	-0.0089	U	1	0.025		0.05	mg/Kg	08/21/2017	08/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/18/2017 12:00:00 AM
Project:	LB89626	Date Received:	8/18/2017 12:00:00 AM
Client Sample ID:	HR-06-081817	SDG No.:	LB89626
Lab Sample ID:	I4892-03	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	-0.0061	U	1	0.025		0.05	mg/Kg	08/21/2017	08/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/18/2017 12:00:00 AM
Project:	LB89626	Date Received:	8/18/2017 12:00:00 AM
Client Sample ID:	NB-08-081817-A	SDG No.:	LB89626
Lab Sample ID:	I4898-03	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	-0.0092	U	1	0.025		0.05	mg/Kg	08/21/2017	08/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/18/2017 12:00:00 AM
Project:	LB89626	Date Received:	8/18/2017 12:00:00 AM
Client Sample ID:	NB-08-081817-B	SDG No.:	LB89626
Lab Sample ID:	I4898-06	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	-0.0077	U	1	0.025		0.05	mg/Kg	08/21/2017	08/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/18/2017 12:00:00 AM
Project:	LB89626	Date Received:	8/18/2017 12:00:00 AM
Client Sample ID:	220-1-STONE	SDG No.:	LB89626
Lab Sample ID:	I4900-16	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	-0.011	U	1	0.025		0.05	mg/Kg	08/21/2017	08/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/18/2017 12:00:00 AM
Project:	LB89626	Date Received:	8/18/2017 12:00:00 AM
Client Sample ID:	220-2-STONE	SDG No.:	LB89626
Lab Sample ID:	I4900-18	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	-0.0087	U	1	0.025		0.049	mg/Kg	08/21/2017	08/21/2017	9012B



Report of Analysis

Client:		Date Collected:	8/18/2017 12:00:00 AM
Project:	LB89626	Date Received:	8/18/2017 12:00:00 AM
Client Sample ID:	220-2-STONE	SDG No.:	LB89626
Lab Sample ID:	I4900-18	Matrix:	Solid
Level (low/med):	low	% Solid:	100

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB89626

SDG No.: LB89626

Contract: _____ Lab Code: CHEM

Case No.: LB89626

SAS No.: LB89626

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		08/21/2017	15:51	LB89626
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		08/21/2017	15:58	LB89626
CCV3	Reactive Cyanide	0.27	0.25	108	0	90 - 110		08/21/2017	16:43	LB89626



GENCHEM

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89626

SDG No.: LB89626

Contract:

Lab Code: CHEM

Case No.: LB89626

SAS No.: LB89626

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00052	+/-0.005	U		0.005		08/21/2017	15:51	LB89626

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00076	+/-0.005	U		0.005		08/21/2017	15:51	LB89626
CCB2	Reactive Cyanide	-0.00088	+/-0.005	U		0.005		08/21/2017	15:58	LB89626
CCB3	Reactive Cyanide	-0.00034	+/-0.005	U		0.005		08/21/2017	16:43	LB89626



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89626

SDG No.: LB89626

Contract: Lab Code: CHEM

Case No.: LB89626

SAS No.: LB89626

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: LB89626

SDG No.: LB89626

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
PB101722BL	Reactive Cyanide	SOLID -0.0068	<0.05	Batch Number: U		PB101722 0.05		Prep Date: 08/21/2017	08/21/2017 15:51	LB89626

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89626 **Level:** LOW **SDG No.:** LB89626
Contract: **Lab Code:** CHEM **Case No.:** LB89626 **SAS No.:** LB89626
Matrix: Solid **Sample ID:** I4869-05 **Client ID:** SASP2P-TP-106-A(0-5)COMP
Percent Solids for Sample: 100 **Duplicate ID** I4869-05DUP **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	-0.0067	U			