

Daily Analysis Runlog For Sequence/QC Batch ID # LB95949

Review By

Review On

SubDirectory

LB95949

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP65208,WP65209,WP65210,WP65211,WP65212,WP65213,WP65214
ICV Standard	WP65215
CCV Standard	WP65216
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP65217,WP64695,WP64696

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/12/18 08:13		OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/12/18 08:13		OK
3	10PPBCN	10PPBCN	CAL3	06/12/18 08:13		OK
4	50PPBCN	50PPBCN	CAL4	06/12/18 08:13		OK
5	100PPBCN	100PPBCN	CAL5	06/12/18 08:13		OK
6	250PPBCN	250PPBCN	CAL6	06/12/18 08:13		OK
7	500PPBCN	500PPBCN	CAL7	06/12/18 08:13		OK
8	ICV1	ICV1	ICV	06/12/18 12:27		OK
9	ICB1	ICB1	ICB	06/12/18 12:27		OK
10	CCV1	CCV1	CCV	06/12/18 12:27		OK
11	CCB1	CCB1	CCB	06/12/18 12:27		OK
12	PB110165BL	PB110165BL	MB	06/12/18 12:27		OK
13	J2979-03	STONE-DUST-CANV	SAM	06/12/18 12:27		OK
14	J2979-03DUP	STONE-DUST-CANV	DUP	06/12/18 12:27		OK
15	J3245-02	CL-01-061118-A	SAM	06/12/18 12:27		OK
16	J3245-04	CL-01-061118-B	SAM	06/12/18 12:27		OK
17	J3245-06	CL-01-061118-C	SAM	06/12/18 12:27		OK
18	J3245-08	CL-01-061118-D	SAM	06/12/18 12:27		OK
19	J3247-04	OR-03-061118	SAM	06/12/18 12:34		OK
20	J3429-03	OILY-STONES	SAM	06/12/18 12:34		OK
21	J3442-02	CAS1-WC-5-01-1-57	SAM	06/12/18 12:34		OK

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB95949

Review By		Review On				
SubDirectory		Test : Reactive Cyanide				
LB95949						
STD. NAME	STD REF.#					
ICAL Standard	WP65208,WP65209,WP65210,WP65211,WP65212,WP65213,WP65214					
ICV Standard	WP65215					
CCV Standard	WP65216					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP65217,WP64695,WP64696					
22	CCV2	CCV2	CCV	06/12/18 12:34		OK
23	CCB2	CCB2	CCB	06/12/18 12:34		OK
24	PB110166BL	PB110166BL	MB	06/12/18 12:34		OK
25	J3425-01	PGWPAL-AQ060818	SAM	06/12/18 12:34		OK
26	J3425-01DUP	PGWPAL-AQ060818	DUP	06/12/18 12:34		OK
27	CCV3	CCV3	CCV	06/12/18 12:34		OK
28	CCB3	CCB3	CCB	06/12/18 12:34		OK



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/11/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/11/2018 12:00:00 AM
Client Sample ID:	STONE-DUST-CANVAS-BAGS	SDG No.:	LB95949
Lab Sample ID:	J2979-03	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	0.0011	U	1	0.025		0.05	mg/Kg	06/12/2018	06/12/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/11/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/11/2018 12:00:00 AM
Client Sample ID:	CL-01-061118-A	SDG No.:	LB95949
Lab Sample ID:	J3245-02	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	0.0031	U	1	0.025		0.05	mg/Kg	06/12/2018	06/12/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/11/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/11/2018 12:00:00 AM
Client Sample ID:	CL-01-061118-B	SDG No.:	LB95949
Lab Sample ID:	J3245-04	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	0.0013	U	1	0.025		0.05	mg/Kg	06/12/2018	06/12/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/11/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/11/2018 12:00:00 AM
Client Sample ID:	CL-01-061118-C	SDG No.:	LB95949
Lab Sample ID:	J3245-06	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	0.002	U	1	0.025		0.05	mg/Kg	06/12/2018	06/12/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/11/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/11/2018 12:00:00 AM
Client Sample ID:	CL-01-061118-D	SDG No.:	LB95949
Lab Sample ID:	J3245-08	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	-0.00076	U	1	0.025		0.05	mg/Kg	06/12/2018	06/12/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/11/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/11/2018 12:00:00 AM
Client Sample ID:	OR-03-061118	SDG No.:	LB95949
Lab Sample ID:	J3247-04	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	0.0029	U	1	0.025		0.05	mg/Kg	06/12/2018	06/12/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/8/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/8/2018 12:00:00 AM
Client Sample ID:	PGWPAL-AQ060818	SDG No.:	LB95949
Lab Sample ID:	J3425-01	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	0.00033	U	1	0.0025		0.005	mg/L	06/12/2018	06/12/2018	9012B

Report of Analysis

Client:		Date Collected:	6/11/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/11/2018 12:00:00 AM
Client Sample ID:	OILY-STONES	SDG No.:	LB95949
Lab Sample ID:	J3429-03	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	0.0047	U	1	0.025		0.05	mg/Kg	06/12/2018	06/12/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/11/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/11/2018 12:00:00 AM
Client Sample ID:	CAS1-WC-5-01-1-57	SDG No.:	LB95949
Lab Sample ID:	J3442-02	Matrix:	Solid
Level (low/med):	low	% Solid:	87.9

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	06/12/2018	06/12/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/11/2018 12:00:00 AM
Project:	LB95949	Date Received:	6/11/2018 12:00:00 AM
Client Sample ID:	CAS1-WC-5-01-1-57	SDG No.:	LB95949
Lab Sample ID:	J3442-02	Matrix:	Solid
Level (low/med):	low	% Solid:	87.9

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

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: LB95949

SDG No.: LB95949

Contract: _____ Lab Code: CHEM

Case No.: LB95949

SAS No.: LB95949

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Reactive Cyanide	0.25	0.25	100		90 - 110		06/12/2018	12:27	LB95949
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		06/12/2018	12:34	LB95949
CCV3	Reactive Cyanide	0.25	0.25	100		90 - 110		06/12/2018	12:34	LB95949



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95949

SDG No.: LB95949

Contract:

Lab Code: CHEM

Case No.: LB95949

SAS No.: LB95949

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00028	+/-0.005	U		0.005		06/12/2018	12:27	LB95949



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95949

SDG No.: LB95949

Contract: _____

Lab Code: CHEM

Case No.: LB95949

SAS No.: LB95949

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00035	+/-0.005	U		0.005		06/12/2018	12:27	LB95949
CCB2	Reactive Cyanide	0.00026	+/-0.005	U		0.005		06/12/2018	12:34	LB95949
CCB3	Reactive Cyanide	0.00019	+/-0.005	U		0.005		06/12/2018	12:34	LB95949



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95949

SDG No.: LB95949

Contract: Lab Code: CHEM

Case No.: LB95949

SAS No.: LB95949

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
-----------	---------	----------------	---------------------	--------------	-----	------	---	------------------	------------------	---------------



GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB95949

SDG No.: LB95949

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
PB110165BL	Reactive Cyanide	SOLID	<0.05	Batch Number:	PB110165			Prep Date:	06/12/2018	
		0.002		U		0.05		06/12/2018	12:27	LB95949
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB110166BL	Reactive Cyanide	WATER	<0.005	Batch Number:	PB110166			Prep Date:	06/12/2018	
		0.00022		U		0.005		06/12/2018	12:34	LB95949

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95949 **Level:** LOW **SDG No.:** LB95949
Contract: _____ **Lab Code:** CHEM **Case No.:** LB95949 **SAS No.:** LB95949
Matrix: Solid **Sample ID:** J2979-03 **Client ID:** STONE-DUST-CANVAS-BAGSDUP
Percent Solids for Sample: 100 **Duplicate ID** J2979-03DUP **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	-0.00079	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95949 **Level:** LOW **SDG No.:** LB95949
Contract: **Lab Code:** CHEM **Case No.:** LB95949 **SAS No.:** LB95949
Matrix: WATER **Sample ID:** J3425-01 **Client ID:** PGWPAL-AQ060818DUP
Percent Solids for Sample: 0 **Duplicate ID** J3425-01DUP **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			