

Daily Analysis Runlog For Sequence/QC Batch ID # LB93096

Review By		Review On				
SubDirectory		LB93096		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61588,WP61590,WP61591,WP61592,WP61593,WP61594,WP61595				
ICV Standard		WP61597				
CCV Standard		WP61602				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP59958,WP60878,WP61598				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	02/05/18 11:47		OK
2	5.0PPBCN	5.0PPBCN	CAL2	02/05/18 11:47		OK
3	10PPBCN	10PPBCN	CAL3	02/05/18 11:47		OK
4	50PPBCN	50PPBCN	CAL4	02/05/18 11:47		OK
5	100PPBCN	100PPBCN	CAL5	02/05/18 11:47		OK
6	250PPBCN	250PPBCN	CAL6	02/05/18 11:47		OK
7	500PPBCN	500PPBCN	CAL7	02/05/18 11:47		OK
8	ICV1	ICV1	ICV	02/05/18 13:38		OK
9	ICB1	ICB1	ICB	02/05/18 13:38		OK
10	CCV1	CCV1	CCV	02/05/18 13:38		OK
11	CCB1	CCB1	CCB	02/05/18 13:38		OK
12	PB106298BL	PB106298BL	MB	02/05/18 13:38		OK
13	J1399-02	OR-01-020218-A	SAM	02/05/18 13:38		OK
14	J1399-02DUP	OR-01-020218-ADUP	DUP	02/05/18 13:38		OK
15	J1399-04	OR-01-020218-B	SAM	02/05/18 13:45		OK
16	J1437-03	RO-148-20	SAM	02/05/18 13:45		OK
17	J1442-01	SECOND-FLOOR-CH	SAM	02/05/18 13:45		OK
18	J1442-02	FIRST-FLOOR-CHAS	SAM	02/05/18 13:45		OK
19	J1442-03	BUS-WASH-RECLAI	SAM	02/05/18 13:45		OK
20	J1444-02	WC-PH3-MGP-03	SAM	02/05/18 13:45		OK
21	J1445-03	M-4	SAM	02/05/18 13:45		OK

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB93096

Review By		Review On				
SubDirectory		Test : Reactive Cyanide				
LB93096						
STD. NAME		STD REF.#				
ICAL Standard		WP61588,WP61590,WP61591,WP61592,WP61593,WP61594,WP61595				
ICV Standard		WP61597				
CCV Standard		WP61602				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP59958,WP60878,WP61598				
22	CCV2	CCV2	CCV	02/05/18 13:45		OK
23	CCB2	CCB2	CCB	02/05/18 13:45		OK
24	J1453-04	P-1	SAM	02/05/18 13:45		OK
25	J1453-08	P-2	SAM	02/05/18 13:45		OK
26	J1453-12	P-3	SAM	02/05/18 13:50		OK
27	CCV3	CCV3	CCV	02/05/18 13:50		OK
28	CCB3	CCB3	CCB	02/05/18 13:50		OK

Report of Analysis

Client:		Date Collected:	2/2/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	OR-01-020218-A	SDG No.:	LB93096
Lab Sample ID:	J1399-02	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	-0.0028	U	1	0.025		0.05	mg/Kg	02/05/2018	02/05/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/2/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	OR-01-020218-B	SDG No.:	LB93096
Lab Sample ID:	J1399-04	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	-0.0034	U	1	0.025		0.05	mg/Kg	02/05/2018	02/05/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/2/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	RO-148-20	SDG No.:	LB93096
Lab Sample ID:	J1437-03	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	-0.0048	U	1	0.025		0.05	mg/Kg	02/05/2018	02/05/2018	9012B

Report of Analysis

Client:		Date Collected:	2/1/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	SECOND-FLOOR-CHASSIS-WASH	SDG No.:	LB93096
Lab Sample ID:	J1442-01	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	02/05/2018	02/05/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/1/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	FIRST-FLOOR-CHASSIS-WASH	SDG No.:	LB93096
Lab Sample ID:	J1442-02	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	-0.0028	U	1	0.025		0.05	mg/Kg	02/05/2018	02/05/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/1/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	BUS-WASH-RECLAIM-SYSTEM	SDG No.:	LB93096
Lab Sample ID:	J1442-03	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	-0.00037	U	1	0.025		0.05	mg/Kg	02/05/2018	02/05/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/1/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	WC-PH3-MGP-03	SDG No.:	LB93096
Lab Sample ID:	J1444-02	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	-0.003	U	1	0.025		0.05	mg/Kg	02/05/2018	02/05/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/2/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	M-4	SDG No.:	LB93096
Lab Sample ID:	J1445-03	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	-0.0027	U	1	0.025		0.05	mg/Kg	02/05/2018	02/05/2018	9012B

Report of Analysis

Client:		Date Collected:	2/2/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	P-1	SDG No.:	LB93096
Lab Sample ID:	J1453-04	Matrix:	Solid
Level (low/med):	low	% Solid:	92.9

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	02/05/2018	02/05/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/2/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	P-2	SDG No.:	LB93096
Lab Sample ID:	J1453-08	Matrix:	Solid
Level (low/med):	low	% Solid:	91

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.00062	U	1	0.025		0.05	mg/Kg	02/05/2018	02/05/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/2/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	P-3	SDG No.:	LB93096
Lab Sample ID:	J1453-12	Matrix:	Solid
Level (low/med):	low	% Solid:	93.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0025	U	1	0.025		0.05	mg/Kg	02/05/2018	02/05/2018	9012B

Report of Analysis

Client:		Date Collected:	2/2/2018 12:00:00 AM
Project:	LB93096	Date Received:	2/2/2018 12:00:00 AM
Client Sample ID:	P-3	SDG No.:	LB93096
Lab Sample ID:	J1453-12	Matrix:	Solid
Level (low/med):	low	% Solid:	93.3

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

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis	Analysis	Run
		mg/L		Recovery	Window (%R)		Date	Time	Number
ICV1	Reactive Cyanide	0.095	0.099	96	85 - 115		02/05/2018	13:38	1b93096



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93096

SDG No.: LB93096

Contract: _____ Lab Code: CHEM

Case No.: LB93096

SAS No.: LB93096

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	0.24	0.25	96		90 - 110		02/05/2018	13:38	lb93096
CCV2	Reactive Cyanide	0.24	0.25	96		90 - 110		02/05/2018	13:45	lb93096
CCV3	Reactive Cyanide	0.25	0.25	100		90 - 110		02/05/2018	13:50	lb93096



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93096

SDG No.: LB93096

Contract:

Lab Code: CHEM

Case No.: LB93096

SAS No.: LB93096

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00022	+/-0.005	U		0.005		02/05/2018	13:38	1b93096



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93096		SDG No.: LB93096								
Contract:	Lab Code: CHEM	Case No.: LB93096	SAS No.: LB93096							
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		02/05/2018	13:38	lb93096
CCB2	Reactive Cyanide	-0.00016	+/-0.005	U		0.005		02/05/2018	13:45	lb93096
CCB3	Reactive Cyanide	-0.0002	+/-0.005	U		0.005		02/05/2018	13:50	lb93096



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93096

SDG No.: LB93096

Contract: Lab Code: CHEM

Case No.: LB93096

SAS No.: LB93096

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: LB93096

SDG No.: LB93096

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
PB106298BL	Reactive Cyanide	SOLID -0.0038	<0.05	Batch Number: U		PB106298 0.05		Prep Date: 02/05/2018	02/05/2018 13:38	lb93096

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93096 **Level:** LOW **SDG No.:** LB93096
Contract: **Lab Code:** CHEM **Case No.:** LB93096 **SAS No.:** LB93096
Matrix: Solid **Sample ID:** J1399-02 **Client ID:** OR-01-020218-ADUP
Percent Solids for Sample: 100 **Duplicate ID** J1399-02DUP **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	-0.0026	U			