

Daily Analysis Runlog For Sequence/QC Batch ID # LB93109

Review By		Review On				
SubDirectory		LB93109		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61606,WP61607,WP61608,WP61609,WP61610,WP61611,WP61612				
ICV Standard		WP61614				
CCV Standard		WP61613				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP61615,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	02/06/18 10:21		OK
2	5.0PPBCN	5.0PPBCN	CAL2	02/06/18 10:21		OK
3	10PPBCN	10PPBCN	CAL3	02/06/18 10:21		OK
4	50PPBCN	50PPBCN	CAL4	02/06/18 10:21		OK
5	100PPBCN	100PPBCN	CAL5	02/06/18 10:21		OK
6	250PPBCN	250PPBCN	CAL6	02/06/18 10:21		OK
7	500PPBCN	500PPBCN	CAL7	02/06/18 10:21		OK
8	ICV1	ICV1	ICV	02/06/18 12:09		OK
9	ICB1	ICB1	ICB	02/06/18 12:09		OK
10	CCV1	CCV1	CCV	02/06/18 12:09		OK
11	CCB1	CCB1	CCB	02/06/18 12:09		OK
12	PB106334BL	PB106334BL	MB	02/06/18 12:09		OK
13	J1459-04	TP-A	SAM	02/06/18 12:09		OK
14	J1459-04DUP	TP-ADUP	DUP	02/06/18 12:09		OK
15	J1459-08	TP-B	SAM	02/06/18 12:14		OK
16	J1460-04	B1	SAM	02/06/18 12:14		OK
17	J1460-08	B2	SAM	02/06/18 12:14		OK
18	CCV2	CCV2	CCV	02/06/18 12:14		OK
19	CCB2	CCB2	CCB	02/06/18 12:14		OK



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

Report of Analysis

Client:		Date Collected:	2/5/2018 12:00:00 AM
Project:	LB93109	Date Received:	2/5/2018 12:00:00 AM
Client Sample ID:	TP-A	SDG No.:	LB93109
Lab Sample ID:	J1459-04	Matrix:	Solid
Level (low/med):	low	% Solid:	89.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0006	U	1	0.025		0.05	mg/Kg	02/06/2018	02/06/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/5/2018 12:00:00 AM
Project:	LB93109	Date Received:	2/5/2018 12:00:00 AM
Client Sample ID:	TP-B	SDG No.:	LB93109
Lab Sample ID:	J1459-08	Matrix:	Solid
Level (low/med):	low	% Solid:	86.2

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	02/06/2018	02/06/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/5/2018 12:00:00 AM
Project:	LB93109	Date Received:	2/5/2018 12:00:00 AM
Client Sample ID:	B1	SDG No.:	LB93109
Lab Sample ID:	J1460-04	Matrix:	Solid
Level (low/med):	low	% Solid:	82.9

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	02/06/2018	02/06/2018	9012B



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

Report of Analysis

Client:		Date Collected:	2/5/2018 12:00:00 AM
Project:	LB93109	Date Received:	2/5/2018 12:00:00 AM
Client Sample ID:	B2	SDG No.:	LB93109
Lab Sample ID:	J1460-08	Matrix:	Solid
Level (low/med):	low	% Solid:	81.3

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	02/06/2018	02/06/2018	9012B



Report of Analysis

Client:		Date Collected:	2/5/2018 12:00:00 AM
Project:	LB93109	Date Received:	2/5/2018 12:00:00 AM
Client Sample ID:	B2	SDG No.:	LB93109
Lab Sample ID:	J1460-08	Matrix:	Solid
Level (low/med):	low	% Solid:	81.3

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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93109

SDG No.: LB93109

Contract: _____

Lab Code: CHEM

Case No.: LB93109

SAS No.: LB93109

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
ICV1	Reactive Cyanide	0.1	0.099	101		85 - 115		02/06/2018	12:09	lb93109



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93109

SDG No.: LB93109

Contract: _____ Lab Code: CHEM

Case No.: LB93109

SAS No.: LB93109

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		02/06/2018	12:09	lb93109
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		02/06/2018	12:14	lb93109



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93109

SDG No.: LB93109

Contract:

Lab Code: CHEM

Case No.: LB93109

SAS No.: LB93109

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00029	+/-0.005	U		0.005		02/06/2018	12:09	1b93109



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93109

SDG No.: LB93109

Contract:

Lab Code: CHEM

Case No.: LB93109

SAS No.: LB93109

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00012	+/-0.005	U		0.005		02/06/2018	12:09	lb93109
CCB2	Reactive Cyanide	0.00039	+/-0.005	U		0.005		02/06/2018	12:14	lb93109



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93109

SDG No.: LB93109

Contract: Lab Code: CHEM

Case No.: LB93109

SAS No.: LB93109

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: LB93109

SDG No.: LB93109

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
PB106334BL		SOLID		Batch Number:		PB106334		Prep Date:	02/06/2018	
	Reactive Cyanide	0.00093	<0.05	U		0.05		02/06/2018	12:09	lb93109

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93109 **Level:** LOW **SDG No.:** LB93109
Contract: **Lab Code:** CHEM **Case No.:** LB93109 **SAS No.:** LB93109
Matrix: Solid **Sample ID:** J1459-04 **Client ID:** TP-ADUP
Percent Solids for Sample: 89.5 **Duplicate ID** J1459-04DUP **Percent Solids for Spike Sample:** 89.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	-0.0011	U			