

Daily Analysis Runlog For Sequence/QC Batch ID # LB95600

Review By		Review On				
SubDirectory		LB95600		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64754,WP64755,WP64756,WP64757,WP64758,WP64759,WP64760				
ICV Standard		W1542				
CCV Standard		WP64761				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP64763,WP64695,WP64696				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/24/18 08:05		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/24/18 08:05		OK
3	10PPBCN	10PPBCN	CAL3	05/24/18 08:05		OK
4	50PPBCN	50PPBCN	CAL4	05/24/18 08:05		OK
5	100PPBCN	100PPBCN	CAL5	05/24/18 08:05		OK
6	250PPBCN	250PPBCN	CAL6	05/24/18 08:05		OK
7	500PPBCN	500PPBCN	CAL7	05/24/18 08:05		OK
8	ICV1	ICV1	ICV	05/24/18 15:19		OK
9	ICB1	ICB1	ICB	05/24/18 15:19		OK
10	CCV1	CCV1	CCV	05/24/18 15:19		OK
11	CCB1	CCB1	CCB	05/24/18 15:19		OK
12	PB109648BL	PB109648BL	MB	05/24/18 15:19		OK
13	PB109648BS	PB109648BS	LCS	05/24/18 15:19		OK
14	MIDPB109648	MIDPB109648	SAM	05/24/18 15:19		OK
15	J3093-12	14B(1-4)-COMP	SAM	05/24/18 15:19		OK
16	J3093-12DUP	14B(1-4)-COMPDUP	DUP	05/24/18 15:19		OK
17	J3093-12MS	14B(1-4)-COMPMS	MS	05/24/18 15:19		OK
18	J3093-12MSD	14B(1-4)-COMPMSD	MSD	05/24/18 15:19		OK
19	CCV2	CCV2	CCV	05/24/18 15:22		OK
20	CCB2	CCB2	CCB	05/24/18 15:22		OK



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

Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95600	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	14B(1-4)-COMP	SDG No.:	LB95600
Lab Sample ID:	J3093-12	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.017		1	0.001		0.005	mg/L	05/24/2018	05/24/2018	SM4500-CN C, ¹



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

Report of Analysis

Client:		Date Collected:	
Project:	LB95600	Date Received:	
Client Sample ID:	MIDPB109648	SDG No.:	LB95600
Lab Sample ID:	MIDPB109648	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.24		1	0.001		0.005	mg/L		05/24/2018	SM4500-CN C,]



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

Report of Analysis

Client:		Date Collected:	
Project:	LB95600	Date Received:	
Client Sample ID:	MIDPB109648	SDG No.:	LB95600
Lab Sample ID:	MIDPB109648	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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: LB95600

SDG No.: LB95600

Contract: _____ Lab Code: CHEM

Case No.: LB95600

SAS No.: LB95600

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	Cyanide	0.25	0.25	100		90 - 110		05/24/2018	15:19	LB95600
CCV2	Cyanide	0.25	0.25	100		90 - 110		05/24/2018	15:22	LB95600



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95600

SDG No.: LB95600

Contract:

Lab Code: CHEM

Case No.: LB95600

SAS No.: LB95600

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00093	+/-0.005	U		0.005		05/24/2018	15:19	LB95600



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95600

SDG No.: LB95600

Contract:

Lab Code: CHEM

Case No.: LB95600

SAS No.: LB95600

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00075	+/-0.005	U		0.005		05/24/2018	15:19	LB95600
CCB2	Cyanide	0.00052	+/-0.005	U		0.005		05/24/2018	15:22	LB95600



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95600

SDG No.: LB95600

Contract: Lab Code: CHEM

Case No.: LB95600

SAS No.: LB95600

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: LB95600

SDG No.: LB95600

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB109648BL	Cyanide	WATER 0.00077	<0.005	Batch Number: U		PB109648 0.005		Prep Date: 05/24/2018	05/24/2018 15:19	LB95600



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95600 level: low sdg no.: LB95600
contract: lab code: CHEM case no.: LB95600 sas no.: LB95600
matrix: WATER sample id: J3093-12 client id: 14B(1-4)-COMPMS
Percent Solids for Sample: 0 Spiked ID: J3093-12MS Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/L	75 - 125	0.052		0.017		0.04	88		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95600 level: low sdg no.: LB95600
contract: lab code: CHEM case no.: LB95600 sas no.: LB95600
matrix: WATER sample id: J3093-12 client id: 14B(1-4)-COMPMSD
Percent Solids for Sample: 0 Spiked ID: J3093-12MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/L	75 - 125	0.052		0.017		0.04	88		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95600 **Level:** LOW **SDG No.:** LB95600
Contract: **Lab Code:** CHEM **Case No.:** LB95600 **SAS No.:** LB95600
Matrix: WATER **Sample ID:** J3093-12 **Client ID:** 14B(1-4)-COMPDUP
Percent Solids for Sample: 0 **Duplicate ID** J3093-12DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.017		0.017		0		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95600 **Level:** LOW **SDG No.:** LB95600
Contract: **Lab Code:** CHEM **Case No.:** LB95600 **SAS No.:** LB95600
Matrix: WATER **Sample ID:** J3093-12MS **Client ID:** 14B(1-4)-COMPMSD
Percent Solids for Sample: 0 **Duplicate ID** J3093-12MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.052		0.052		0		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95600

SDG No.: LB95600

Contract:

Lab Code: CHEM

Case No.: LB95600

SAS No.: LB95600

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB109648BS Cyanide	mg/L	0.1	0.095		95	85 - 115	