

Daily Analysis Runlog For Sequence/QC Batch ID # LB94054

Review By		Review On				
SubDirectory		LB94054		Test : TKN		
STD. NAME		STD REF.#				
ICAL Standard		WP62803				
ICV Standard		WP62805				
CCV Standard		WP62804				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62806				
Chk Standard		WP61582,WP62824,WP62827,WP62828				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.5PPM	0.5PPM	CAL1	03/20/18 10:23		OK
2	1.0PPM	1.0PPM	CAL2	03/20/18 10:23		OK
3	2.5PPM	2.5PPM	CAL3	03/20/18 10:23		OK
4	5.0PPM	5.0PPM	CAL4	03/20/18 10:23		OK
5	6.7PPM	6.7PPM	CAL5	03/20/18 10:23		OK
6	10.0PPM	10.0PPM	CAL6	03/20/18 10:23		OK
7	ICV1	ICV1	ICV	03/20/18 10:54		OK
8	ICB1	ICB1	ICB	03/20/18 10:54		OK
9	CCV1	CCV1	CCV	03/20/18 10:54		OK
10	CCB1	CCB1	CCB	03/20/18 10:54		OK
11	PB107466BL	PB107466BL	MB	03/20/18 10:54		OK
12	PB107466BS	PB107466BS	LCS	03/20/18 10:55		OK
13	J1161-01	LOD-MDL-SOIL-01-Q	SAM	03/20/18 10:55		OK
14	J1161-03	MDL-SOIL-03-QT1-2	SAM	03/20/18 10:55		OK
15	MDL-SOIL-03	MDL-SOIL-03	SAM	03/20/18 10:55		OK
16	PB107464BL	PB107464BL	MB	03/20/18 10:55		OK
17	PB107464BS	PB107464BS	LCS	03/20/18 10:55		OK
18	J1161-07	LOD-MDL-WATER-0	SAM	03/20/18 10:55		OK
19	J1161-09	MDL-WATER-03-QT1	SAM	03/20/18 11:03		OK
20	MDL-WATER-03	MDL-WATER-03	SAM	03/20/18 11:03		OK
21	CCV2	CCV2	CCV	03/20/18 11:03		OK



Instrument ID : KONELAB

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

Daily Analysis Runlog For Sequence/QCBatch ID # LB94054

Review By		Review On				
SubDirectory		LB94054		Test :		TKN
STD. NAME		STD REF.#				
ICAL Standard		WP62803				
ICV Standard		WP62805				
CCV Standard		WP62804				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62806				
Chk Standard		WP61582,WP62824,WP62827,WP62828				
22	CCB2	CCB2	CCB	03/20/18 11:03		OK



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB94054	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT1-2018	SDG No.:	LB94054
Lab Sample ID:	J1161-01	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TKN	17.5	J	1	4.7		24.5	mg/Kg	03/19/2018	03/20/2018	SM4500 N Org



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB94054	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2018	SDG No.:	LB94054
Lab Sample ID:	J1161-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TKN	15.4	J	1	4.7		24.3	mg/Kg	03/19/2018	03/20/2018	SM4500 N Org



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB94054	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT1-2018	SDG No.:	LB94054
Lab Sample ID:	J1161-07	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TKN	0.35	J	1	0.096		0.5	mg/L	03/19/2018	03/20/2018	SM4500 N Org



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB94054	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2018	SDG No.:	LB94054
Lab Sample ID:	J1161-09	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TKN	0.32	J	1	0.096		0.5	mg/L	03/19/2018	03/20/2018	SM4500 N Org



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Report of Analysis

Client:		Date Collected:	
Project:	LB94054	Date Received:	
Client Sample ID:	MDL-SOIL-03	SDG No.:	LB94054
Lab Sample ID:	MDL-SOIL-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.
	TKN	0.4	J	1	0.096		0.5	mg/Kg		03/20/2018	SM4500 N Org



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Report of Analysis

Client:		Date Collected:	
Project:	LB94054	Date Received:	
Client Sample ID:	MDL-WATER-03	SDG No.:	LB94054
Lab Sample ID:	MDL-WATER-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TKN	0.43	J	1	0.096		0.5	mg/L		03/20/2018	SM4500 N Org



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Report of Analysis

Client:		Date Collected:	
Project:	LB94054	Date Received:	
Client Sample ID:	MDL-WATER-03	SDG No.:	LB94054
Lab Sample ID:	MDL-WATER-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94054

SDG No.: LB94054

Contract: _____

Lab Code: CHEM

Case No.: LB94054

SAS No.: LB94054

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	TKN	4.9	5	98		80 - 120		03/20/2018	10:54	LB94054



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94054

SDG No.: LB94054

Contract: _____ Lab Code: CHEM

Case No.: LB94054

SAS No.: LB94054

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	TKN	5.1	5	102		80 - 120		03/20/2018	10:54	LB94054
CCV2	TKN	5.1	5	102		80 - 120		03/20/2018	11:03	LB94054



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94054

SDG No.: LB94054

Contract:

Lab Code: CHEM

Case No.: LB94054

SAS No.: LB94054

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TKN	0.075	+/-0.5	U			0.5	03/20/2018	10:54	LB94054

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TKN	0.074	+/-0.5	U			0.5	03/20/2018	10:54	LB94054
CCB2	TKN	0.099	+/-0.5	J			0.5	03/20/2018	11:03	LB94054



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94054

SDG No.: LB94054

Contract: Lab Code: CHEM

Case No.: LB94054

SAS No.: LB94054

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB94054

SDG No.: LB94054

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
PB107464BL	TKN	WATER		Batch Number:		PB107464		Prep Date:	03/19/2018	
		0.067	<0.5	U		0.5		03/20/2018	10:55	LB94054
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB107466BL	TKN	SOLID		Batch Number:		PB107466		Prep Date:	03/19/2018	
		3.8	<24.8	U		24.8		03/20/2018	10:54	LB94054



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94054

SDG No.: LB94054

Contract:

Lab Code: CHEM

Case No.: LB94054

SAS No.: LB94054

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB107464BS TKN	mg/L	5	5		100	80 - 120	



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94054 SDG No.: LB94054
Contract: Lab Code: CHEM Case No.: LB94054 SAS No.: LB94054

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB107466BS TKN	mg/Kg	240	239		99.6	80 - 120	
