

Daily Analysis Runlog For Sequence/QC Batch ID # LB93640

Review By		Review On				
SubDirectory		LB93640		Test : TKN		
STD. NAME		STD REF.#				
ICAL Standard		WP62371				
ICV Standard		WP62373				
CCV Standard		WP62372				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62374				
Chk Standard		WP61582,WP62168,WP62169,WP62170				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.5PPM	0.5PPM	CAL1	03/02/18 07:48		OK
2	1.0PPM	1.0PPM	CAL2	03/02/18 07:48		OK
3	2.5PPM	2.5PPM	CAL3	03/02/18 07:48		OK
4	5.0PPM	5.0PPM	CAL4	03/02/18 07:48		OK
5	6.7PPM	6.7PPM	CAL5	03/02/18 07:48		OK
6	10.0PPM	10.0PPM	CAL6	03/02/18 07:49		OK
7	ICV1	ICV1	ICV	03/02/18 09:35		OK
8	ICB1	ICB1	ICB	03/02/18 09:35		OK
9	CCV1	CCV1	CCV	03/02/18 09:35		OK
10	CCB1	CCB1	CCB	03/02/18 09:35		OK
11	J1690-01	DSN001	SAM	03/02/18 09:35		OK
12	J1690-01DUP	DSN001DUP	DUP	03/02/18 09:35		OK
13	J1690-01MS	DSN001MS	MS	03/02/18 09:35		OK
14	J1690-01MSD	DSN001MSD	MSD	03/02/18 09:35		OK
15	J1734-01	PB-2-OW	SAM	03/02/18 09:35		OK
16	PB106977BL	PB106977BL	MB	03/02/18 09:35		OK
17	PB106977BS	PB106977BS	LCS	03/02/18 09:41		OK
18	J1161-01	LOD-MDL-SOIL-01-C	SAM	03/02/18 09:41		OK
19	PB106976BL	PB106976BL	MB	03/02/18 09:59		OK
20	PB106976BS	PB106976BS	LCS	03/02/18 09:59		OK
21	CCV2	CCV2	CCV	03/02/18 09:59		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 # LB93640

Review By		Review On				
SubDirectory		LB93640		Test :		TKN
STD. NAME		STD REF.#				
ICAL Standard		WP62371				
ICV Standard		WP62373				
CCV Standard		WP62372				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62374				
Chk Standard		WP61582,WP62168,WP62169,WP62170				
22	CCB2	CCB2	CCB	03/02/18 10:00		OK



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

Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93640	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT1-2018	SDG No.:	LB93640
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	19.4	J	1	4.7		24.5	mg/Kg	03/01/2018	03/02/2018	SM4500 N Org



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

Report of Analysis

Client:		Date Collected:	2/23/2018 12:00:00 AM
Project:	LB93640	Date Received:	2/23/2018 12:00:00 AM
Client Sample ID:	DSN001	SDG No.:	LB93640
Lab Sample ID:	J1690-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TKN	0.48	J	1	0.096		0.5	mg/L	03/01/2018	03/02/2018	SM4500 N Org



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

Report of Analysis

Client:		Date Collected:	2/28/2018 12:00:00 AM
Project:	LB93640	Date Received:	2/28/2018 12:00:00 AM
Client Sample ID:	PB-2-OW	SDG No.:	LB93640
Lab Sample ID:	J1734-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TKN	0.81		1	0.096		0.5	mg/L	03/01/2018	03/02/2018	SM4500 N Org



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

Report of Analysis

Client:		Date Collected:	2/28/2018 12:00:00 AM
Project:	LB93640	Date Received:	2/28/2018 12:00:00 AM
Client Sample ID:	PB-2-OW	SDG No.:	LB93640
Lab Sample ID:	J1734-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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

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	TKN	5.3	5	106	80 - 120		03/02/2018	09:35	LB93640



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93640

SDG No.: LB93640

Contract: _____ Lab Code: CHEM

Case No.: LB93640

SAS No.: LB93640

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	5.5	5	110		80 - 120		03/02/2018	09:35	LB93640
CCV2	TKN	5.8	5	116		80 - 120		03/02/2018	09:59	LB93640



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93640

SDG No.: LB93640

Contract:

Lab Code: CHEM

Case No.: LB93640

SAS No.: LB93640

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TKN	0.18	+/-0.5	J			0.5	03/02/2018	09:35	LB93640



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93640

SDG No.: LB93640

Contract:

Lab Code: CHEM

Case No.: LB93640

SAS No.: LB93640

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TKN	0.18	+/-0.5	J			0.5	03/02/2018	09:35	LB93640
CCB2	TKN	0.18	+/-0.5	J			0.5	03/02/2018	10:00	LB93640



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93640

SDG No.: LB93640

Contract: Lab Code: CHEM

Case No.: LB93640

SAS No.: LB93640

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: LB93640

SDG No.: LB93640

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
PB106976BL	TKN	WATER		Batch Number:		PB106976		Prep Date:	03/01/2018	
		0.16	<0.5	J		0.5		03/02/2018	09:59	LB93640
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB106977BL	TKN	SOLID		Batch Number:		PB106977		Prep Date:	03/01/2018	
		8.5	<24.8	J		24.8		03/02/2018	09:35	LB93640



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB93640 level: low sdg no.: LB93640
contract: lab code: CHEM case no.: LB93640 sas no.: LB93640
matrix: WATER sample id: J1690-01 client id: DSN001MS
Percent Solids for Sample: 0 Spiked ID: J1690-01MS Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TKN	mg/L	75 - 125	5.8		0.48	J	5	106		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB93640 level: low sdg no.: LB93640
contract: lab code: CHEM case no.: LB93640 sas no.: LB93640
matrix: WATER sample id: J1690-01 client id: DSN001MSD
Percent Solids for Sample: 0 Spiked ID: J1690-01MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TKN	mg/L	75 - 125	5.5		0.48	J	5	100		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93640 **Level:** LOW **SDG No.:** LB93640
Contract: **Lab Code:** CHEM **Case No.:** LB93640 **SAS No.:** LB93640
Matrix: WATER **Sample ID:** J1690-01 **Client ID:** DSN001DUP
Percent Solids for Sample: 0 **Duplicate ID** J1690-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TKN	mg/L	20	0.48	J	0.47	J	2		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93640 **Level:** LOW **SDG No.:** LB93640
Contract: **Lab Code:** CHEM **Case No.:** LB93640 **SAS No.:** LB93640
Matrix: WATER **Sample ID:** J1690-01MS **Client ID:** DSN001MSD
Percent Solids for Sample: 0 **Duplicate ID** J1690-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TKN	mg/L	20	5.8		5.5		5		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93640

SDG No.: LB93640

Contract:

Lab Code: CHEM

Case No.: LB93640

SAS No.: LB93640

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106976BS TKN	mg/L	5	5.5		110	80 - 120	



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93640 SDG No.: LB93640
Contract: Lab Code: CHEM Case No.: LB93640 SAS No.: LB93640

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106977BS TKN	mg/Kg	250	276		110.4	80 - 120	
