

Daily Analysis Runlog For Sequence/QC Batch ID # LB94694

Review By		Review On				
SubDirectory		LB94694		Test : TKN		
STD. NAME		STD REF.#				
ICAL Standard		WP63755				
ICV Standard		WP63757				
CCV Standard		WP63756				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP63758				
Chk Standard		WP61582,WP63749,WP63750,WP63751				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.5PPM	0.5PPM	CAL1	04/18/18 08:14		
2	1.0PPM	1.0PPM	CAL2	04/18/18 08:14		
3	2.5PPM	2.5PPM	CAL3	04/18/18 08:14		
4	5.0PPM	5.0PPM	CAL4	04/18/18 08:14		
5	6.7PPM	6.7PPM	CAL5	04/18/18 08:14		
6	10.0PPM	10.0PPM	CAL6	04/18/18 08:14		
7	ICV1	ICV1	ICV	04/18/18 09:07		
8	ICB1	ICB1	ICB	04/18/18 09:07		
9	CCV1	CCV1	CCV	04/18/18 09:07		
10	CCB1	CCB1	CCB	04/18/18 09:07		
11	PB108315BL	PB108315BL	MB	04/18/18 09:07		
12	PB108315BS	PB108315BS	LCS	04/18/18 09:07		
13	J2390-01	2AVE-12	SAM	04/18/18 09:07		
14	J2390-01DUP	2AVE-12DUP	DUP	04/18/18 09:07		
15	J2390-01MS	2AVE-12MS	MS	04/18/18 09:07		
16	J2390-01MSD	2AVE-12MSD	MSD	04/18/18 09:07		
17	CCV2	CCV2	CCV	04/18/18 09:07		
18	CCB2	CCB2	CCB	04/18/18 09:07		



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

Report of Analysis

Client:		Date Collected:	4/13/2018 12:00:00 AM
Project:	LB94694	Date Received:	4/13/2018 12:00:00 AM
Client Sample ID:	2AVE-12	SDG No.:	LB94694
Lab Sample ID:	J2390-01	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	0.9		1	0.096		0.5	mg/L	04/17/2018	04/18/2018	SM4500 N Org



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

Report of Analysis

Client:		Date Collected:	4/13/2018 12:00:00 AM
Project:	LB94694	Date Received:	4/13/2018 12:00:00 AM
Client Sample ID:	2AVE-12	SDG No.:	LB94694
Lab Sample ID:	J2390-01	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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94694

SDG No.: LB94694

Contract: _____ Lab Code: CHEM

Case No.: LB94694

SAS No.: LB94694

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		04/18/2018	09:07	lb94694
CCV2	TKN	5.5	5	110		80 - 120		04/18/2018	09:07	lb94694



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94694

SDG No.: LB94694

Contract:

Lab Code: CHEM

Case No.: LB94694

SAS No.: LB94694

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TKN	0.1	+/-0.5	J			0.5	04/18/2018	09:07	1b94694



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94694

SDG No.: LB94694

Contract:

Lab Code: CHEM

Case No.: LB94694

SAS No.: LB94694

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TKN	0.095	+/-0.5	U			0.5	04/18/2018	09:07	lb94694
CCB2	TKN	0.11	+/-0.5	J			0.5	04/18/2018	09:07	lb94694



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB94694

SDG No.:

LB94694

Contract:

Lab Code:

CHEM

Case No.:

LB94694

SAS No.:

LB94694

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: LB94694

SDG No.: LB94694

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
PB108315BL	TKN	WATER 0.1	<0.5	Batch Number: J		PB108315 0.5		Prep Date: 04/18/2018	04/17/2018 09:07	lb94694



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB94694 level: low sdg no.: LB94694
contract: lab code: CHEM case no.: LB94694 sas no.: LB94694
matrix: WATER sample id: J2390-01 client id: 2AVE-12MS
Percent Solids for Sample: 0 Spiked ID: J2390-01MS 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	7.1		0.9		5	124		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94694 level: low sdg no.: LB94694
contract: lab code: CHEM case no.: LB94694 sas no.: LB94694
matrix: WATER sample id: J2390-01 client id: 2AVE-12MSD
Percent Solids for Sample: 0 Spiked ID: J2390-01MSD 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	7.1		0.9		5	124		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94694 **Level:** LOW **SDG No.:** LB94694
Contract: **Lab Code:** CHEM **Case No.:** LB94694 **SAS No.:** LB94694
Matrix: WATER **Sample ID:** J2390-01 **Client ID:** 2AVE-12DUP
Percent Solids for Sample: 0 **Duplicate ID** J2390-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TKN	mg/L	20	0.9		0.97		7		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94694 **Level:** LOW **SDG No.:** LB94694
Contract: **Lab Code:** CHEM **Case No.:** LB94694 **SAS No.:** LB94694
Matrix: WATER **Sample ID:** J2390-01MS **Client ID:** 2AVE-12MSD
Percent Solids for Sample: 0 **Duplicate ID** J2390-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TKN	mg/L	20	7.1		7.1		0		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94694

SDG No.: LB94694

Contract:

Lab Code: CHEM

Case No.: LB94694

SAS No.: LB94694

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB108315BS TKN	mg/L	5	5.4		108	80 - 120	