

Daily Analysis Runlog For Sequence/QC Batch ID # LB89572

Review By		Review On				
SubDirectory		LB89572		Test : TKN		
STD. NAME		STD REF.#				
ICAL Standard		WP57230				
ICV Standard		WP57232				
CCV Standard		WP57231				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP56632,WP57031,WP57237,WP57238				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.5PPM	0.5PPM	CAL1	08/17/17 17:00		OK
2	1.0PPM	1.0PPM	CAL2	08/17/17 17:00		OK
3	2.5PPM	2.5PPM	CAL3	08/17/17 17:00		OK
4	5.0PPM	5.0PPM	CAL4	08/17/17 17:00		OK
5	6.7PPM	6.7PPM	CAL5	08/17/17 17:00		OK
6	10.0PPM	10.0PPM	CAL6	08/17/17 17:00		OK
7	ICV1	ICV1	ICV	08/17/17 17:33		OK
8	ICB1	ICB1	ICB	08/17/17 17:33		OK
9	CCV1	CCV1	CCV	08/17/17 17:33		OK
10	CCB1	CCB1	CCB	08/17/17 17:33		OK
11	PB101582BL	PB101582BL	MB	08/17/17 17:33		OK
12	PB101582BS	PB101582BS	LCS	08/17/17 17:33		OK
13	I4792-11	TWP-01	SAM	08/17/17 17:40		OK
14	I4792-11DUP	TWP-01DUP	DUP	08/17/17 17:40		OK
15	I4792-11MS	TWP-01MS	MS	08/17/17 17:40		OK
16	I4792-11MSD	TWP-01MSD	MSD	08/17/17 17:40		OK
17	CCV2	CCV2	CCV	08/17/17 17:40		OK
18	CCB2	CCB2	CCB	08/17/17 17:40		OK



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

Report of Analysis

Client:		Date Collected:	8/14/2017 12:00:00 AM
Project:	LB89572	Date Received:	8/14/2017 12:00:00 AM
Client Sample ID:	TWP-01	SDG No.:	LB89572
Lab Sample ID:	I4792-11	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	1.7		1	0.096		0.5	mg/L	08/16/2017	08/17/2017	SM4500 N Org



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

Report of Analysis

Client:		Date Collected:	8/14/2017 12:00:00 AM
Project:	LB89572	Date Received:	8/14/2017 12:00:00 AM
Client Sample ID:	TWP-01	SDG No.:	LB89572
Lab Sample ID:	I4792-11	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: LB89572

SDG No.: LB89572

Contract: _____ Lab Code: CHEM

Case No.: LB89572

SAS No.: LB89572

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	TKN	4.1	5	82	0	80 - 120		08/17/2017	17:33	LB89572
CCV2	TKN	4	5	80	0	80 - 120		08/17/2017	17:40	LB89572



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89572

SDG No.: LB89572

Contract:

Lab Code: CHEM

Case No.: LB89572

SAS No.: LB89572

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TKN	0.063	+/-0.5	U			0.5	08/17/2017	17:33	LB89572



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89572

SDG No.: LB89572

Contract:

Lab Code: CHEM

Case No.: LB89572

SAS No.: LB89572

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TKN	0.055	+/-0.5	U			0.5	08/17/2017	17:33	LB89572
CCB2	TKN	0.064	+/-0.5	U			0.5	08/17/2017	17:40	LB89572



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89572

SDG No.: LB89572

Contract: Lab Code: CHEM

Case No.: LB89572

SAS No.: LB89572

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: LB89572

SDG No.: LB89572

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
PB101582BL	TKN	WATER 0.052	<0.5	Batch Number: U		PB101582 0.5		Prep Date: 08/17/2017	08/16/2017 17:33	LB89572



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB89572 level: low sdg no.: LB89572
contract: lab code: CHEM case no.: LB89572 sas no.: LB89572
matrix: WATER sample id: I4792-11 client id: TWP-01MS
Percent Solids for Sample: 0 Spiked ID: I4792-11MS 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	6.3		1.7		5	92		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB89572 level: low sdg no.: LB89572
contract: lab code: CHEM case no.: LB89572 sas no.: LB89572
matrix: WATER sample id: I4792-11 client id: TWP-01MSD
Percent Solids for Sample: 0 Spiked ID: I4792-11MSD 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	6.1		1.7		5	88		



GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB89572 Level: LOW SDG No.: LB89572
Contract: _____ Lab Code: CHEM Case No.: LB89572 SAS No.: LB89572
Matrix: WATER Sample ID: I4792-11 Client ID: TWP-01DUP
Percent Solids for Sample: 0 Duplicate ID I4792-11DUP Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TKN	mg/L	20	1.7		1.8		6		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB89572 **Level:** LOW **SDG No.:** LB89572
Contract: **Lab Code:** CHEM **Case No.:** LB89572 **SAS No.:** LB89572
Matrix: WATER **Sample ID:** I4792-11MS **Client ID:** TWP-01MSD
Percent Solids for Sample: 0 **Duplicate ID** I4792-11MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TKN	mg/L	20	6.3		6.1		3		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89572

SDG No.: LB89572

Contract:

Lab Code: CHEM

Case No.: LB89572

SAS No.: LB89572

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB101582BS TKN	mg/L	5	4.1		82	80 - 120	