

Sample ID	Analyte	Result	True Value	%	%	Acceptance	M	Analysis	Analysis	Run
		mg/L								
CCV1	TKN	4.6	5	92	0	80 - 120		03/03/2017	10:44	LB86140
CCV2	TKN	4.7	5	94	0	80 - 120		03/03/2017	10:44	LB86140



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB86140

SDG No.: LB86140

Contract:

Lab Code: CHEM

Case No.: LB86140

SAS No.: LB86140

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TKN	0.077	+/-0.5	U		0.5		03/03/2017	10:44	LB86140



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB86140

SDG No.: LB86140

Contract: Lab Code: CHEM

Case No.: LB86140

SAS No.: LB86140

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/2/2017 12:00:00 AM
Project:	LB86140	Date Received:	3/2/2017 12:00:00 AM
Client Sample ID:	DSN001	SDG No.:	LB86140
Lab Sample ID:	I2058-01	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	0.41	J	1	0.096		0.5	mg/L	03/02/2017	03/03/2017	SM4500 N Org



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Report of Analysis

Client:		Date Collected:	3/2/2017 12:00:00 AM
Project:	LB86140	Date Received:	3/2/2017 12:00:00 AM
Client Sample ID:	DSN001	SDG No.:	LB86140
Lab Sample ID:	I2058-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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
- 3b -
PREPARATION BLANK SUMMARY

Client: LB86140

SDG No.: LB86140

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
PB97294BL		WATER		Batch Number:		PB97294		Prep Date:	03/02/2017	
	TKN	0.2	<0.5	J		0.5		03/03/2017	10:44	LB86140



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB86140 level: low sdg no.: LB86140
contract: lab code: CHEM case no.: LB86140 sas no.: LB86140
matrix: WATER sample id: I2058-01 client id: DSN001MS
Percent Solids for Sample: 0 Spiked ID: I2058-01MS 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	5.3		0.41	J	5	98		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB86140 level: low sdg no.: LB86140
contract: lab code: CHEM case no.: LB86140 sas no.: LB86140
matrix: WATER sample id: I2058-01 client id: DSN001MSD
Percent Solids for Sample: 0 Spiked ID: I2058-01MSD 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	5.4		0.41	J	5	100		

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DUPLICATE SAMPLE SUMMARY

Client: LB86140 **Level:** LOW **SDG No.:** LB86140
Contract: **Lab Code:** CHEM **Case No.:** LB86140 **SAS No.:** LB86140
Matrix: WATER **Sample ID:** I2058-01 **Client ID:** DSN001DUP
Percent Solids for Sample: 0 **Duplicate ID** I2058-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TKN	mg/L	20	0.41	J	0.4	J	2		

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DUPLICATE SAMPLE SUMMARY

Client: LB86140 **Level:** LOW **SDG No.:** LB86140
Contract: **Lab Code:** CHEM **Case No.:** LB86140 **SAS No.:** LB86140
Matrix: WATER **Sample ID:** I2058-01MS **Client ID:** DSN001MSD
Percent Solids for Sample: 0 **Duplicate ID** I2058-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TKN	mg/L	20	5.3		5.4		2		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB86140

SDG No.: LB86140

Contract:

Lab Code: CHEM

Case No.: LB86140

SAS No.: LB86140

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB97294BS TKN	mg/L	5	4.5		90	80 - 120	