

Daily Analysis Runlog For Sequence/QC Batch ID # LB89555

Review By		Review On				
SubDirectory		LB89555		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP57316				
ICV Standard		WP57318				
CCV Standard		WP57317				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP53648,WP53649,WP57315				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	08/16/17 17:06		OK
2	0.1PPM	0.1PPM	CAL2	08/16/17 17:06		OK
3	0.25PPM	0.25PPM	CAL3	08/16/17 17:06		OK
4	0.50PPM	0.50PPM	CAL4	08/16/17 17:06		OK
5	1.0PPM	1.0PPM	CAL5	08/16/17 17:06		OK
6	2.0PPM	2.0PPM	CAL6	08/16/17 17:06		OK
7	ICV1	ICV1	ICV	08/16/17 18:06		OK
8	ICB1	ICB1	ICB	08/16/17 18:06		OK
9	CCV1	CCV1	CCV	08/16/17 18:06		OK
10	CCB1	CCB1	CCB	08/16/17 18:06		OK
11	PB101586BL	PB101586BL	MB	08/16/17 18:06		OK
12	PB101586BS	PB101586BS	LCS	08/16/17 18:06		OK
13	I4792-11	TWP-01	SAM	08/16/17 18:06		OK
14	I4792-11DUP	TWP-01DUP	DUP	08/16/17 18:06		OK
15	I4792-11MS	TWP-01MS	MS	08/16/17 18:06		OK
16	I4792-11MSD	TWP-01MSD	MSD	08/16/17 18:06		OK
17	CCV2	CCV2	CCV	08/16/17 18:06		OK
18	CCB2	CCB2	CCB	08/16/17 18:06		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:	LB89555	Date Received:	8/14/2017 12:00:00 AM
Client Sample ID:	TWP-01	SDG No.:	LB89555
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.
	Phenolics	0.01	J	1	0.002		0.05	mg/L	08/16/2017	08/16/2017	420.1



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Client Sample ID:	TWP-01	SDG No.:	LB89555
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.
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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: LB89555

SDG No.: LB89555

Contract: _____

Lab Code: CHEM

Case No.: LB89555

SAS No.: LB89555

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
ICV1	Phenolics	0.98	1	98	0	90 - 110		08/16/2017	18:06	LB89555



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB89555

SDG No.: LB89555

Contract: _____ Lab Code: CHEM

Case No.: LB89555

SAS No.: LB89555

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	Phenolics	1	1	100	0	90 - 110		08/16/2017	18:06	LB89555
CCV2	Phenolics	1	1	100	0	90 - 110		08/16/2017	18:06	LB89555



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89555

SDG No.: LB89555

Contract:

Lab Code: CHEM

Case No.: LB89555

SAS No.: LB89555

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.012	+/-0.05	J		0.05		08/16/2017	18:06	LB89555



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89555		SDG No.: LB89555								
Contract:	Lab Code: CHEM	Case No.: LB89555	SAS No.: LB89555							
Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.011	+/-0.05	J		0.05		08/16/2017	18:06	LB89555
CCB2	Phenolics	0.0081	+/-0.05	J		0.05		08/16/2017	18:06	LB89555



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89555

SDG No.: LB89555

Contract: Lab Code: CHEM

Case No.: LB89555

SAS No.: LB89555

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

Client: LB89555

SDG No.: LB89555

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
PB101586BL	Phenolics	WATER 0.0097	<0.05	Batch Number: J		PB101586 0.05		Prep Date: 08/16/2017	08/16/2017 18:06	LB89555



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- 5a -
MATRIX SPIKE SUMMARY

client: LB89555 level: low sdg no.: LB89555
contract: lab code: CHEM case no.: LB89555 sas no.: LB89555
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
Phenolics	mg/L	75 - 125	0.95		0.01	J	1	94		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB89555 level: low sdg no.: LB89555
contract: lab code: CHEM case no.: LB89555 sas no.: LB89555
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
Phenolics	mg/L	75 - 125	0.93		0.01	J	1	92		



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DUPLICATE SAMPLE SUMMARY

Client: LB89555 **Level:** LOW **SDG No.:** LB89555
Contract: **Lab Code:** CHEM **Case No.:** LB89555 **SAS No.:** LB89555
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
Phenolics	mg/L	20	0.01	J	0.011	J	10		

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DUPLICATE SAMPLE SUMMARY

Client: LB89555 **Level:** LOW **SDG No.:** LB89555
Contract: **Lab Code:** CHEM **Case No.:** LB89555 **SAS No.:** LB89555
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
Phenolics	mg/L	20	0.95		0.93		2		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89555

SDG No.: LB89555

Contract:

Lab Code: CHEM

Case No.: LB89555

SAS No.: LB89555

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB101586BS Phenolics	mg/L	1	0.99		99	80 - 120	