

Daily Analysis Runlog For Sequence/QC Batch ID # LB89408

Review By		Review On				
SubDirectory		LB89408		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP57133				
ICV Standard		WP57134				
CCV Standard		WP57135				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP57132,WP53649,WP53648				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	08/10/17 16:30		OK
2	0.1PPM	0.1PPM	CAL2	08/10/17 16:30		OK
3	0.25PPM	0.25PPM	CAL3	08/10/17 16:30		OK
4	0.50PPM	0.50PPM	CAL4	08/10/17 16:30		OK
5	1.0PPM	1.0PPM	CAL5	08/10/17 16:30		OK
6	2.0PPM	2.0PPM	CAL6	08/10/17 16:30		OK
7	ICV1	ICV1	ICV	08/10/17 17:02		OK
8	ICB1	ICB1	ICB	08/10/17 17:02		OK
9	CCV1	CCV1	CCV	08/10/17 17:02		OK
10	CCB1	CCB1	CCB	08/10/17 17:02		OK
11	PB101385BL	PB101385BL	MB	08/10/17 17:02		OK
12	PB101385BS	PB101385BS	LCS	08/10/17 17:02		OK
13	I4681-10	TWP-17	SAM	08/10/17 17:02		OK
14	I4681-10DUP	TWP-17DUP	DUP	08/10/17 17:02		OK
15	I4681-10MS	TWP-17MS	MS	08/10/17 17:18		OK
16	I4681-10MSD	TWP-17MSD	MSD	08/10/17 17:18		OK
17	I4681-11	TWP-09	SAM	08/10/17 17:18		OK
18	DOC-1	DOC-1	LCS	08/10/17 17:18		OK
19	DOC-2	DOC-2	LCS	08/10/17 17:18		OK
20	DOC-3	DOC-3	LCS	08/10/17 17:18		OK
21	DOC-4	DOC-4	LCS	08/10/17 17:18		OK



Instrument ID : KONELAB

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

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SubDirectory		LB89408		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP57133				
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ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP57132,WP53649,WP53648				
22	CCV2	CCV2	CCV	08/10/17 17:18		OK
23	CCB2	CCB2	CCB	08/10/17 17:18		OK



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Report of Analysis

Client:		Date Collected:	8/8/2017 12:00:00 AM
Project:	LB89408	Date Received:	8/8/2017 12:00:00 AM
Client Sample ID:	TWP-17	SDG No.:	LB89408
Lab Sample ID:	I4681-10	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	0.0006	U	1	0.002		0.05	mg/L	08/09/2017	08/10/2017	420.1



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Report of Analysis

Client:		Date Collected:	8/8/2017 12:00:00 AM
Project:	LB89408	Date Received:	8/8/2017 12:00:00 AM
Client Sample ID:	TWP-09	SDG No.:	LB89408
Lab Sample ID:	I4681-11	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	-0.0015	U	1	0.002		0.05	mg/L	08/09/2017	08/10/2017	420.1



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Report of Analysis

Client:		Date Collected:	8/8/2017 12:00:00 AM
Project:	LB89408	Date Received:	8/8/2017 12:00:00 AM
Client Sample ID:	TWP-09	SDG No.:	LB89408
Lab Sample ID:	I4681-11	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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89408

SDG No.: LB89408

Contract:

Lab Code: CHEM

Case No.: LB89408

SAS No.: LB89408

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.0078	+/-0.05	J		0.05		08/10/2017	17:02	LB89408



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89408		SDG No.: LB89408								
Contract:	Lab Code: CHEM	Case No.: LB89408	SAS No.: LB89408							
Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.012	+/-0.05	J		0.05		08/10/2017	17:02	LB89408
CCB2	Phenolics	-0.0043	+/-0.05	U		0.05		08/10/2017	17:18	LB89408



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89408

SDG No.: LB89408

Contract: Lab Code: CHEM

Case No.: LB89408

SAS No.: LB89408

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: LB89408

SDG No.: LB89408

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
PB101385BL		WATER		Batch Number:		PB101385		Prep Date:	08/09/2017	
	Phenolics	0.011	<0.05	J		0.05		08/10/2017	17:02	LB89408



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB89408 level: low sdg no.: LB89408
contract: lab code: CHEM case no.: LB89408 sas no.: LB89408
matrix: WATER sample id: I4681-10 client id: TWP-17MS
Percent Solids for Sample: 0 Spiked ID: I4681-10MS 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	0.89		0.002	U	1	89		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB89408 level: low sdg no.: LB89408
contract: lab code: CHEM case no.: LB89408 sas no.: LB89408
matrix: WATER sample id: I4681-10 client id: TWP-17MSD
Percent Solids for Sample: 0 Spiked ID: I4681-10MSD 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	0.9		0.002	U	1	90		

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DUPLICATE SAMPLE SUMMARY

Client: LB89408 **Level:** LOW **SDG No.:** LB89408
Contract: **Lab Code:** CHEM **Case No.:** LB89408 **SAS No.:** LB89408
Matrix: WATER **Sample ID:** I4681-10 **Client ID:** TWP-17DUP
Percent Solids for Sample: 0 **Duplicate ID** I4681-10DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.002	U	0.0012	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB89408 **Level:** LOW **SDG No.:** LB89408
Contract: **Lab Code:** CHEM **Case No.:** LB89408 **SAS No.:** LB89408
Matrix: WATER **Sample ID:** I4681-10MS **Client ID:** TWP-17MSD
Percent Solids for Sample: 0 **Duplicate ID** I4681-10MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.89		0.9		1		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89408

SDG No.: LB89408

Contract:

Lab Code: CHEM

Case No.: LB89408

SAS No.: LB89408

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
DOC-1 Phenolics	mg/L	1	1		100	80 - 120	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89408

SDG No.: LB89408

Contract:

Lab Code: CHEM

Case No.: LB89408

SAS No.: LB89408

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
DOC-2 Phenolics	mg/L	1	1		100	80 - 120	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89408

SDG No.: LB89408

Contract:

Lab Code: CHEM

Case No.: LB89408

SAS No.: LB89408

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
DOC-3 Phenolics	mg/L	1	0.99		99	80 - 120	



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- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89408

SDG No.: LB89408

Contract:

Lab Code: CHEM

Case No.: LB89408

SAS No.: LB89408

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
DOC-4 Phenolics	mg/L	1	1		100	80 - 120	



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- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89408

SDG No.: LB89408

Contract:

Lab Code: CHEM

Case No.: LB89408

SAS No.: LB89408

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB101385BS Phenolics	mg/L	1	0.98		98	80 - 120	