

Daily Analysis Runlog For Sequence/QC Batch ID # LB89912

Review By		Review On				
SubDirectory		LB89912		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP57737				
ICV Standard		WP57738				
CCV Standard		WP57739				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP57645				
Chk Standard		WP57736,WP53648,WP53649				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	09/07/17 10:57		
2	0.1PPM	0.1PPM	CAL2	09/07/17 10:57		
3	0.25PPM	0.25PPM	CAL3	09/07/17 10:57		
4	0.50PPM	0.50PPM	CAL4	09/07/17 10:57		
5	1.0PPM	1.0PPM	CAL5	09/07/17 10:57		
6	2.0PPM	2.0PPM	CAL6	09/07/17 10:57		
7	ICV1	ICV1	ICV	09/07/17 12:02		
8	ICB1	ICB1	ICB	09/07/17 12:02		
9	CCV1	CCV1	CCV	09/07/17 12:02		
10	CCB1	CCB1	CCB	09/07/17 12:02		
11	PB102028BL	PB102028BL	MB	09/07/17 12:02		
12	PB102028BS	PB102028BS	LCS	09/07/17 12:02		
13	I5057-01	MWHR2-6	SAM	09/07/17 12:02		
14	I5057-01DUP	MWHR2-6DUP	DUP	09/07/17 12:02		
15	I5057-01MS	MWHR2-6MS	MS	09/07/17 12:02		
16	I5057-01MSD	MWHR2-6MSD	MSD	09/07/17 12:02		
17	I5057-04	MWHR2-10	SAM	09/07/17 12:02		
18	I5057-05	MWHR3-8	SAM	09/07/17 12:02		
19	CCV2	CCV2	CCV	09/07/17 12:06		
20	CCB2	CCB2	CCB	09/07/17 12:06		



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89912	Date Received:	8/31/2017 12:00:00 AM
Client Sample ID:	MWHR2-6	SDG No.:	LB89912
Lab Sample ID:	I5057-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	0.0085	J	1	0.002		0.05	mg/L	09/01/2017	09/07/2017	420.1



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89912	Date Received:	8/31/2017 12:00:00 AM
Client Sample ID:	MWHR2-10	SDG No.:	LB89912
Lab Sample ID:	I5057-04	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	0.011	J	1	0.002		0.05	mg/L	09/01/2017	09/07/2017	420.1



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89912	Date Received:	8/31/2017 12:00:00 AM
Client Sample ID:	MWHR3-8	SDG No.:	LB89912
Lab Sample ID:	I5057-05	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	0.0028	J	1	0.002		0.05	mg/L	09/01/2017	09/07/2017	420.1



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Report of Analysis

Client:		Date Collected:	8/30/2017 12:00:00 AM
Project:	LB89912	Date Received:	8/31/2017 12:00:00 AM
Client Sample ID:	MWHR3-8	SDG No.:	LB89912
Lab Sample ID:	I5057-05	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: LB89912

SDG No.: LB89912

Contract: _____ Lab Code: CHEM

Case No.: LB89912

SAS No.: LB89912

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		09/07/2017	12:02	LB89912
CCV2	Phenolics	1	1	100	0	90 - 110		09/07/2017	12:06	LB89912



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89912

SDG No.: LB89912

Contract:

Lab Code: CHEM

Case No.: LB89912

SAS No.: LB89912

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.0055	+/-0.05	J		0.05		09/07/2017	12:02	LB89912



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89912

SDG No.: LB89912

Contract:

Lab Code: CHEM

Case No.: LB89912

SAS No.: LB89912

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.0072	+/-0.05	J		0.05		09/07/2017	12:02	LB89912
CCB2	Phenolics	-0.0009	+/-0.05	U		0.05		09/07/2017	12:06	LB89912



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89912

SDG No.: LB89912

Contract: Lab Code: CHEM

Case No.: LB89912

SAS No.: LB89912

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: LB89912

SDG No.: LB89912

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
PB102028BL	Phenolics	WATER 0.0025	<0.05	Batch Number: J		PB102028 0.05		Prep Date: 09/07/2017	09/01/2017 12:02	LB89912



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- 5a -
MATRIX SPIKE SUMMARY

client: LB89912 level: low sdg no.: LB89912
contract: lab code: CHEM case no.: LB89912 sas no.: LB89912
matrix: WATER sample id: I5057-01 client id: MWHR2-6MS
Percent Solids for Sample: 0 Spiked ID: I5057-01MS 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	0.96		0.0085	J	1	95		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB89912 level: low sdg no.: LB89912
contract: lab code: CHEM case no.: LB89912 sas no.: LB89912
matrix: WATER sample id: I5057-01 client id: MWHR2-6MSD
Percent Solids for Sample: 0 Spiked ID: I5057-01MSD 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	0.96		0.0085	J	1	95		

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DUPLICATE SAMPLE SUMMARY

Client: LB89912 **Level:** LOW **SDG No.:** LB89912
Contract: **Lab Code:** CHEM **Case No.:** LB89912 **SAS No.:** LB89912
Matrix: WATER **Sample ID:** I5057-01 **Client ID:** MWHR2-6DUP
Percent Solids for Sample: 0 **Duplicate ID** I5057-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.0085	J	0.0015	U	200.0	*	



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DUPLICATE SAMPLE SUMMARY

Client: LB89912 Level: LOW SDG No.: LB89912
Contract: _____ Lab Code: CHEM Case No.: LB89912 SAS No.: LB89912
Matrix: WATER Sample ID: I5057-01MS Client ID: MWHR2-6MSD
Percent Solids for Sample: 0 Duplicate ID I5057-01MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.96		0.96		0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89912

SDG No.: LB89912

Contract:

Lab Code: CHEM

Case No.: LB89912

SAS No.: LB89912

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB102028BS Phenolics	mg/L	1	1		100	80 - 120	