

Daily Analysis Runlog For Sequence/QC Batch ID # LB89908

Review By		Review On				
SubDirectory		LB89908		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		N/A				
Chk Standard		WP57736,WP53649,WP53648				

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 11:27		
8	ICB1	ICB1	ICB	09/07/17 11:27		
9	CCV1	CCV1	CCV	09/07/17 11:27		
10	CCB1	CCB1	CCB	09/07/17 11:27		
11	PB102106BL	PB102106BL	MB	09/07/17 11:27		
12	PB102106BS	PB102106BS	LCS	09/07/17 11:27		
13	I5084-01	TP9-WC1	SAM	09/07/17 11:27		
14	I5084-01DUP	TP9-WC1DUP	DUP	09/07/17 11:27		
15	I5084-01MS	TP9-WC1MS	MS	09/07/17 11:27		
16	I5084-01MSD	TP9-WC1MSD	MSD	09/07/17 11:27		
17	I5084-02	TP10-WC1	SAM	09/07/17 11:27		
18	DOC-1	DOC-1	LCS	09/07/17 11:27		
19	DOC-2	DOC-2	LCS	09/07/17 11:33		
20	DOC-3	DOC-3	LCS	09/07/17 11:33		
21	DOC-4	DOC-4	LCS	09/07/17 11:33		



Instrument ID : KONELAB

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB89908

Review By		Review On				
SubDirectory		LB89908		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		N/A				
Chk Standard		WP57736,WP53649,WP53648				
22	CCV2	CCV2	CCV	09/07/17 11:33		
23	CCB2	CCB2	CCB	09/07/17 11:33		



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Report of Analysis

Client:		Date Collected:	9/1/2017 12:00:00 AM
Project:	LB89908	Date Received:	9/1/2017 12:00:00 AM
Client Sample ID:	TP9-WC1	SDG No.:	LB89908
Lab Sample ID:	I5084-01	Matrix:	Solid
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	0.46	U	1	0.53		2.7	mg/Kg	09/06/2017	09/07/2017	9065



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Report of Analysis

Client:		Date Collected:	9/1/2017 12:00:00 AM
Project:	LB89908	Date Received:	9/1/2017 12:00:00 AM
Client Sample ID:	TP10-WC1	SDG No.:	LB89908
Lab Sample ID:	I5084-02	Matrix:	Solid
Level (low/med):	low	% Solid:	69.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	0.29	U	1	0.7		3.5	mg/Kg	09/06/2017	09/07/2017	9065



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Report of Analysis

Client:		Date Collected:	9/1/2017 12:00:00 AM
Project:	LB89908	Date Received:	9/1/2017 12:00:00 AM
Client Sample ID:	TP10-WC1	SDG No.:	LB89908
Lab Sample ID:	I5084-02	Matrix:	Solid
Level (low/med):	low	% Solid:	69.1

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: LB89908

SDG No.: LB89908

Contract:

Lab Code: CHEM

Case No.: LB89908

SAS No.: LB89908

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.0052	+/-0.05	U		0.05		09/07/2017	11:27	LB89908



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89908

SDG No.: LB89908

Contract:

Lab Code: CHEM

Case No.: LB89908

SAS No.: LB89908

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.0059	+/-0.05	U		0.05		09/07/2017	11:27	LB89908
CCB2	Phenolics	0.0061	+/-0.05	U		0.05		09/07/2017	11:33	LB89908



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB89908

SDG No.:

LB89908

Contract:

Lab Code:

CHEM

Case No.:

LB89908

SAS No.:

LB89908

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

Client: LB89908

SDG No.: LB89908

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB102106BL	Phenolics	SOLID 0.22	<2.5	Batch Number: U		PB102106 2.5		Prep Date: 09/07/2017	09/06/2017 11:27	LB89908



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB89908 level: low sdg no.: LB89908
contract: lab code: CHEM case no.: LB89908 sas no.: LB89908
matrix: Solid sample id: I5084-01 client id: TP9-WC1MS
Percent Solids for Sample: 91.4 Spiked ID: I5084-01MS Percent Solids for Spike Sample: 91.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Phenolics	mg/Kg	75 - 125	51.7		0.53	U	53.6	96.5		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB89908 level: low sdg no.: LB89908
contract: lab code: CHEM case no.: LB89908 sas no.: LB89908
matrix: Solid sample id: I5084-01 client id: TP9-WC1MSD
Percent Solids for Sample: 91.4 Spiked ID: I5084-01MSD Percent Solids for Spike Sample: 91.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Phenolics	mg/Kg	75 - 125	52		0.53	U	53.1	97.9		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89908 **Level:** LOW **SDG No.:** LB89908
Contract: **Lab Code:** CHEM **Case No.:** LB89908 **SAS No.:** LB89908
Matrix: Solid **Sample ID:** I5084-01 **Client ID:** TP9-WC1DUP
Percent Solids for Sample: 91.4 **Duplicate ID** I5084-01DUP **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/Kg	20	0.53	U	0.48	U			

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89908 **Level:** LOW **SDG No.:** LB89908
Contract: **Lab Code:** CHEM **Case No.:** LB89908 **SAS No.:** LB89908
Matrix: Solid **Sample ID:** I5084-01MS **Client ID:** TP9-WC1MSD
Percent Solids for Sample: 91.4 **Duplicate ID** I5084-01MSD **Percent Solids for Spike Sample:** 91.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/Kg	20	51.7		52		1		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89908

SDG No.: LB89908

Contract:

Lab Code: CHEM

Case No.: LB89908

SAS No.: LB89908

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



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89908

SDG No.: LB89908

Contract:

Lab Code: CHEM

Case No.: LB89908

SAS No.: LB89908

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



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89908

SDG No.: LB89908

Contract:

Lab Code: CHEM

Case No.: LB89908

SAS No.: LB89908

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
DOC-3 Phenolics	mg/L	1	1		100	80 - 120	



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89908

SDG No.: LB89908

Contract:

Lab Code: CHEM

Case No.: LB89908

SAS No.: LB89908

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



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89908

SDG No.: LB89908

Contract:

Lab Code: CHEM

Case No.: LB89908

SAS No.: LB89908

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB102106BS Phenolics	mg/Kg	48.5	50.5		104.1	80 - 120	