

Daily Analysis Runlog For Sequence/QC Batch ID # LB87358

Review By		Review On				
SubDirectory		LB87358		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP54810				
ICV Standard		WP54812				
CCV Standard		WP54811				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP54397				
Chk Standard		WP54813,WP54648,WP54649				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	05/10/17 09:22		OK
2	0.1PPM	0.1PPM	CAL2	05/10/17 09:22		OK
3	0.25PPM	0.25PPM	CAL3	05/10/17 09:22		OK
4	0.50PPM	0.50PPM	CAL4	05/10/17 09:22		OK
5	1.0PPM	1.0PPM	CAL5	05/10/17 09:22		OK
6	2.0PPM	2.0PPM	CAL6	05/10/17 09:22		OK
7	ICV1	ICV1	ICV	05/10/17 10:26		OK
8	ICB1	ICB1	ICB	05/10/17 10:26		OK
9	CCV1	CCV1	CCV	05/10/17 10:26		OK
10	CCB1	CCB1	CCB	05/10/17 10:26		OK
11	PB98814BL	PB98814BL	MB	05/10/17 10:26		OK
12	PB98814BS	PB98814BS	LCS	05/10/17 10:26		OK
13	I3027-10	TP-1-2-3-COMP	SAM	05/10/17 10:26		OK
14	I3027-10DUP	TP-1-2-3-COMPDUP	DUP	05/10/17 10:26		OK
15	I3027-10MS	TP-1-2-3-COMPMS	MS	05/10/17 10:26		OK
16	I3027-10MSD	TP-1-2-3-COMPMSD	MSD	05/10/17 10:26		OK
17	I3027-12	TP-4-5-6-COMP	SAM	05/10/17 10:26		OK
18	I3027-14	TP-7-8-9-COMP	SAM	05/10/17 10:26		OK
19	I3031-06	TP-2COMP	SAM	05/10/17 10:32		OK
20	I3031-08	TP-1-3COMP	SAM	05/10/17 10:32		OK
21	CCV2	CCV2	CCV	05/10/17 10:32		OK



Instrument ID : KONELAB

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

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ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP54397				
Chk Standard		WP54813,WP54648,WP54649				
22	CCB2	CCB2	CCB	05/10/17 10:32		OK
23	I3040-04	TP-4-5COMP	SAM	05/10/17 10:32		OK
24	CCV3	CCV3	CCV	05/10/17 10:32		OK
25	CCB3	CCB3	CCB	05/10/17 10:32		OK



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Report of Analysis

Client:		Date Collected:	5/5/2017 12:00:00 AM
Project:	LB87358	Date Received:	5/5/2017 12:00:00 AM
Client Sample ID:	TP-1-2-3-COMP	SDG No.:	LB87358
Lab Sample ID:	I3027-10	Matrix:	Solid
Level (low/med):	low	% Solid:	88.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	-0.22	U	1	0.54		2.7	mg/Kg	05/09/2017	05/10/2017	9065



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Report of Analysis

Client:		Date Collected:	5/5/2017 12:00:00 AM
Project:	LB87358	Date Received:	5/5/2017 12:00:00 AM
Client Sample ID:	TP-4-5-6-COMP	SDG No.:	LB87358
Lab Sample ID:	I3027-12	Matrix:	Solid
Level (low/med):	low	% Solid:	85.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	0.033	U	1	0.55		2.7	mg/Kg	05/09/2017	05/10/2017	9065



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Report of Analysis

Client:		Date Collected:	5/5/2017 12:00:00 AM
Project:	LB87358	Date Received:	5/5/2017 12:00:00 AM
Client Sample ID:	TP-7-8-9-COMP	SDG No.:	LB87358
Lab Sample ID:	I3027-14	Matrix:	Solid
Level (low/med):	low	% Solid:	89.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	0.079	U	1	0.53		2.6	mg/Kg	05/09/2017	05/10/2017	9065



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Report of Analysis

Client:		Date Collected:	5/5/2017 12:00:00 AM
Project:	LB87358	Date Received:	5/5/2017 12:00:00 AM
Client Sample ID:	TP-2COMP	SDG No.:	LB87358
Lab Sample ID:	I3031-06	Matrix:	Solid
Level (low/med):	low	% Solid:	89.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	0.0054	U	1	0.54		2.7	mg/Kg	05/09/2017	05/10/2017	9065



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Report of Analysis

Client:		Date Collected:	5/5/2017 12:00:00 AM
Project:	LB87358	Date Received:	5/5/2017 12:00:00 AM
Client Sample ID:	TP-1-3COMP	SDG No.:	LB87358
Lab Sample ID:	I3031-08	Matrix:	Solid
Level (low/med):	low	% Solid:	87

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	0.022	U	1	0.54		2.7	mg/Kg	05/09/2017	05/10/2017	9065



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Report of Analysis

Client:		Date Collected:	5/8/2017 12:00:00 AM
Project:	LB87358	Date Received:	5/8/2017 12:00:00 AM
Client Sample ID:	TP-4-5COMP	SDG No.:	LB87358
Lab Sample ID:	I3040-04	Matrix:	Solid
Level (low/med):	low	% Solid:	87

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	-0.18	U	1	0.55		2.7	mg/Kg	05/09/2017	05/10/2017	9065



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Report of Analysis

Client:		Date Collected:	5/8/2017 12:00:00 AM
Project:	LB87358	Date Received:	5/8/2017 12:00:00 AM
Client Sample ID:	TP-4-5COMP	SDG No.:	LB87358
Lab Sample ID:	I3040-04	Matrix:	Solid
Level (low/med):	low	% Solid:	87

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: LB87358

SDG No.: LB87358

Contract: _____ Lab Code: CHEM

Case No.: LB87358

SAS No.: LB87358

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		05/10/2017	10:26	LB87358
CCV2	Phenolics	1	1	100	0	90 - 110		05/10/2017	10:32	LB87358
CCV3	Phenolics	1	1	100	0	90 - 110		05/10/2017	10:32	LB87358



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87358

SDG No.: LB87358

Contract:

Lab Code: CHEM

Case No.: LB87358

SAS No.: LB87358

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	-0.0007	+/-0.05	U		0.05		05/10/2017	10:26	LB87358



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87358

SDG No.: LB87358

Contract:

Lab Code: CHEM

Case No.: LB87358

SAS No.: LB87358

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.0014	+/-0.05	U		0.05		05/10/2017	10:26	LB87358
CCB2	Phenolics	0.0009	+/-0.05	U		0.05		05/10/2017	10:32	LB87358
CCB3	Phenolics	0.0011	+/-0.05	U		0.05		05/10/2017	10:32	LB87358



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87358

SDG No.: LB87358

Contract: Lab Code: CHEM

Case No.: LB87358

SAS No.: LB87358

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: LB87358

SDG No.: LB87358

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
PB98814BL	Phenolics	SOLID -0.034	<2.5	Batch Number: U		PB98814 2.5		Prep Date: 05/10/2017	05/09/2017 10:26	LB87358



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB87358 level: low sdg no.: LB87358
contract: lab code: CHEM case no.: LB87358 sas no.: LB87358
matrix: Solid sample id: I3027-10 client id: TP-1-2-3-COMPMS
Percent Solids for Sample: 88.5 Spiked ID: I3027-10MS Percent Solids for Spike Sample: 88.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Phenolics	mg/Kg	75 - 125	43.6		0.54	U	54.3	80.3		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB87358 level: low sdg no.: LB87358
contract: lab code: CHEM case no.: LB87358 sas no.: LB87358
matrix: Solid sample id: I3027-10 client id: TP-1-2-3-COMPMSD
Percent Solids for Sample: 88.5 Spiked ID: I3027-10MSD Percent Solids for Spike Sample: 88.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Phenolics	mg/Kg	75 - 125	44		0.54	U	54.9	80.1		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB87358 **Level:** LOW **SDG No.:** LB87358
Contract: **Lab Code:** CHEM **Case No.:** LB87358 **SAS No.:** LB87358
Matrix: Solid **Sample ID:** I3027-10 **Client ID:** TP-1-2-3-COMPDUP
Percent Solids for Sample: 88.5 **Duplicate ID** I3027-10DUP **Percent Solids for Spike Sample:** 88.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/Kg	20	0.54	U	-0.0055	U			

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB87358 **Level:** LOW **SDG No.:** LB87358
Contract: **Lab Code:** CHEM **Case No.:** LB87358 **SAS No.:** LB87358
Matrix: Solid **Sample ID:** I3027-10MS **Client ID:** TP-1-2-3-COMPMSD
Percent Solids for Sample: 88.5 **Duplicate ID** I3027-10MSD **Percent Solids for Spike Sample:** 88.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/Kg	20	43.6		44		1		



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87358

SDG No.: LB87358

Contract:

Lab Code: CHEM

Case No.: LB87358

SAS No.: LB87358

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB98814BS Phenolics	mg/Kg	48.5	48.4		99.8	80 - 120	