

Daily Analysis Runlog For Sequence/QC Batch ID # LB88845

Review By		Review On				
SubDirectory		LB88845		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP56558				
ICV Standard		WP56560				
CCV Standard		WP56559				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP56557,WP53649,WP53648				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	07/20/17 17:35		OK
2	0.1PPM	0.1PPM	CAL2	07/20/17 17:35		OK
3	0.25PPM	0.25PPM	CAL3	07/20/17 17:35		OK
4	0.50PPM	0.50PPM	CAL4	07/20/17 17:35		OK
5	1.0PPM	1.0PPM	CAL5	07/20/17 17:35		OK
6	2.0PPM	2.0PPM	CAL6	07/20/17 17:35		OK
7	ICV1	ICV1	ICV	07/20/17 18:01		OK
8	ICB1	ICB1	ICB	07/20/17 18:01		OK
9	CCV1	CCV1	CCV	07/20/17 18:01		OK
10	CCB1	CCB1	CCB	07/20/17 18:01		OK
11	PB100777BL	PB100777BL	MB	07/20/17 18:01		OK
12	PB100777BS	PB100777BS	LCS	07/20/17 18:01		OK
13	I4272-01	HDD-P1LWC2	SAM	07/20/17 18:01		OK
14	I4272-01DUP	HDD-P1LWC2DUP	DUP	07/20/17 18:01		OK
15	I4272-01MS	HDD-P1LWC2MS	MS	07/20/17 18:01		OK
16	I4272-01MSD	HDD-P1LWC2MSD	MSD	07/20/17 18:01		OK
17	CCV2	CCV2	CCV	07/20/17 18:01		OK
18	CCB2	CCB2	CCB	07/20/17 18:01		OK



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Report of Analysis

Client:		Date Collected:	7/18/2017 12:00:00 AM
Project:	LB88845	Date Received:	7/18/2017 12:00:00 AM
Client Sample ID:	HDD-P1LWC2	SDG No.:	LB88845
Lab Sample ID:	I4272-01	Matrix:	Solid
Level (low/med):	low	% Solid:	81

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	0.59	U	1	0.6		3	mg/Kg	07/19/2017	07/20/2017	9065



Report of Analysis

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Lab Sample ID:	I4272-01	Matrix:	Solid
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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: LB88845

SDG No.: LB88845

Contract: _____

Lab Code: CHEM

Case No.: LB88845

SAS No.: LB88845

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	0.99	1	99	0	90 - 110		07/20/2017	18:01	LB88845



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB88845

SDG No.: LB88845

Contract: _____ Lab Code: CHEM

Case No.: LB88845

SAS No.: LB88845

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		07/20/2017	18:01	LB88845
CCV2	Phenolics	1	1	100	0	90 - 110		07/20/2017	18:01	LB88845



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB88845

SDG No.: LB88845

Contract:

Lab Code: CHEM

Case No.: LB88845

SAS No.: LB88845

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.0051	+/-0.05	U		0.05		07/20/2017	18:01	LB88845



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB88845

SDG No.: LB88845

Contract:

Lab Code: CHEM

Case No.: LB88845

SAS No.: LB88845

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.0056	+/-0.05	U		0.05		07/20/2017	18:01	LB88845
CCB2	Phenolics	0.0094	+/-0.05	U		0.05		07/20/2017	18:01	LB88845



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB88845

SDG No.: LB88845

Contract: Lab Code: CHEM

Case No.: LB88845

SAS No.: LB88845

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: LB88845

SDG No.: LB88845

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
PB100777BL		SOLID		Batch Number:		PB100777		Prep Date:	07/19/2017	
	Phenolics	0.33	<2.5	U		2.5		07/20/2017	18:01	LB88845



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- 5a -
MATRIX SPIKE SUMMARY

client: LB88845 level: low sdg no.: LB88845
contract: lab code: CHEM case no.: LB88845 sas no.: LB88845
matrix: Solid sample id: I4272-01 client id: HDD-P1LWC2MS
Percent Solids for Sample: 81 Spiked ID: I4272-01MS Percent Solids for Spike Sample: 81

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Phenolics	mg/Kg	75 - 125	48.1		0.6	U	60.5	79.5		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB88845 level: low sdg no.: LB88845
contract: lab code: CHEM case no.: LB88845 sas no.: LB88845
matrix: Solid sample id: I4272-01 client id: HDD-P1LWC2MSD
Percent Solids for Sample: 81 Spiked ID: I4272-01MSD Percent Solids for Spike Sample: 81

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Phenolics	mg/Kg	75 - 125	48.4		0.6	U	59.9	80.8		

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB88845 **Level:** LOW **SDG No.:** LB88845
Contract: **Lab Code:** CHEM **Case No.:** LB88845 **SAS No.:** LB88845
Matrix: Solid **Sample ID:** I4272-01 **Client ID:** HDD-P1LWC2DUP
Percent Solids for Sample: 81 **Duplicate ID** I4272-01DUP **Percent Solids for Spike Sample:** 81

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/Kg	20	0.6	U	0.28	U			

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB88845 **Level:** LOW **SDG No.:** LB88845
Contract: **Lab Code:** CHEM **Case No.:** LB88845 **SAS No.:** LB88845
Matrix: Solid **Sample ID:** I4272-01MS **Client ID:** HDD-P1LWC2MSD
Percent Solids for Sample: 81 **Duplicate ID** I4272-01MSD **Percent Solids for Spike Sample:** 81

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/Kg	20	48.1		48.4		1		



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- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB88845

SDG No.: LB88845

Contract:

Lab Code: CHEM

Case No.: LB88845

SAS No.: LB88845

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB100777BS Phenolics	mg/Kg	48.5	47.9		98.8	80 - 120	