

## Analytical Summary Report

Analysis Method: Walkley BlackReviewed By: AMANDEEPParameter: TOCSupervisor Review By: apatelRun Number: LB90966Constant: 0.399Balance ID: WC SC-4

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP54923
0.5N Ferrous Sulfate Solution for WB	WP54922
MERCURIC NITRATE, 0.0141 N 4L	W2051
Ferroin Indicator-0.025M, 120ML	W2125

Seq	K2Cr2O7 (mL)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	21.20	0.47	0.399	0.47
2	10.00	1.00	21.40	0.47	0.399	

$$\text{FeSO4 (N)} = \frac{[\text{K2Cr2O7 (mL)} * \text{K2Cr2O7 (N)}]}{\text{FeSO4 (mL)}}$$

Seq	LabID	ClientID	TrueVal (mg/Kg)	DL	Sample Wt (g)	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 Initial	FeSO4 Final	FeSO4 Diff	FeSO4 (N)	% TOC	TOC, PPM	Anal Date	Anal Time
1	LB90966BL	LB90966BL		1	0.98	10.00	1.00	0.00	21.20	21.20	0.47	0.01	147	10/20/2017	12:30
2	LB90966BS	LB90966BS	470000	1	0.04	10.00	1.00	21.20	33.20	12.00	0.47	43.49	434910	10/20/2017	12:39
3	I5973-01	B-19 (0-10) COMP		1	0.50	10.00	1.00	0.00	15.40	15.40	0.47	2.20	22041	10/20/2017	12:50
4	I5973-01DUP	B-19 (0-10) COMPDUP		1	0.60	10.00	1.00	15.40	29.00	13.60	0.47	2.40	23993	10/20/2017	12:59

$$\% \text{ TOC} = \frac{[\text{K2Cr2O7}(\text{ml}) * \text{K2Cr2O7}(\text{N})] - [\text{FeSO4 Diff}(\text{mL}) * \text{FeSO4}(\text{N})]}{\text{Sampl t Wt}} * \text{Constant}$$

Sampl t Wt

$$\text{Toc, PPM} = \% \text{ TOC} * 10000$$

LB90966

### WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC101917-1

WorkList ID : 104464

Date : 10/20/2017 11:23:14 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/27/2017	Solid	I5973-01	TOC	Cool 4 deg C	WSPO01	M12	B-19(0-10)COMP	10/13/2017	Walkley Black

Date/Time 10/20/17 11:45  
 Received by: AC  
 Relinquished by: CR

Date/Time 10/20/17 13:30  
 Received by: CR  
 Relinquished by: AK