

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: apatel

Parameter: TOC

Supervisor Review By: AMANDEEP

Run Number: LB89116

Constant: 0.399

Balance ID: WC SC-4

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP54923
0.5N Ferrous Sulfate Solution for WB	WP54922
Ferroin Indicator-0.025M, 120ML	W2125
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	W2246

Seq	K2Cr2O7 (mL)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (mL)
1	10.00	1.00	20.00	0.50	0.399	0.50
2	10.00	1.00	20.00	0.50	0.399	

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

Seq	LabID	ClientID	TrueVal (mL/g)	DL	Sample Wt (ml)	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 Initial	FeSO4 Final	FeSO4 Diff	FeSO4 (N)	% TOC	TOC, PPM	Anal Date	Anal Time
1	LB89116BL	LB89116BL		1	0.11	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	07/31/2017	14:16
2	LB89116BS	LB89116BS	470000	1	0.04	10.00	1.00	20.00	30.20	10.20	0.50	48.88	488775	07/31/2017	14:22
3	I4411-01	B1 (0-10) COMP		1	1.73	10.00	1.00	30.20	39.00	8.80	0.50	1.29	12916	07/31/2017	14:31
4	I4411-02	B-2 (6-10) COMP		1	1.23	10.00	1.00	39.00	45.60	6.60	0.50	2.17	21734	07/31/2017	14:40
5	I4525-01	B-4 (0-10) COMP		1	1.02	10.00	1.00	45.60	56.20	10.60	0.50	1.84	18385	07/31/2017	14:48
6	I4525-01DUP	B-4 (0-10) COMPDUP		1	1.05	10.00	1.00	56.20	66.60	10.40	0.50	1.82	18240	07/31/2017	14:56

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

Sample Wt

Toc, PPM = % TOC * 10000

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TO72817 WorkList ID : 101330 Date : 7/28/2017 11:34:52 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Solid	I4411-01	TOC	Cool 4 deg C	WSP001	H13	B1(0-10)COMP	07/13/2017	Walkley Black
	Solid	I4411-02	TOC	Cool 4 deg C	WSP001	H13	B-2(6-10)COMP	07/19/2017	Walkley Black
	Solid	I4525-01	TOC	Cool 4 deg C	WSP001	K11	B-4(0-10)COMP	07/26/2017	Walkley Black

Date/Time 7/28/17 3:30 PM
 Received by: AB
 Relinquished by: AB

Date/Time 7/28/17 4:10 PM
 Received by: AB
 Relinquished by: AB