

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB94878

Constant: 0.399

Balance ID: WC SC-4

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP59522
0.5N Ferrous Sulfate Solution for WB	WP63964
Ferroin Indicator-0.025M, 120ML	W2296
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	W2310

Seq	K2Cr2O7 (mL)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	19.40	0.52	0.399	0.52
2	10.00	1.00	19.60	0.51	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	LB94878BL	LB94878BL		1	0.38	10.00	1.00	0.00	19.40	19.40	0.52	-0.09	-924	04/25/2018	10:11
2	LB94878BS	LB94878BS	470000	1	0.04	10.00	1.00	19.40	28.80	9.40	0.52	50.99	509922	04/25/2018	10:16
3	J2260-09	S-5-AT-OUT-FALL-0-6		1	0.27	10.00	1.00	28.80	34.00	5.20	0.52	10.78	107819	04/25/2018	10:25
4	J2260-09DUP	S-5-AT-OUT-FALL-0-6DUP		1	0.26	10.00	1.00	34.00	39.40	5.40	0.52	11.04	110370	04/25/2018	10:31

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

Sample Wt

Toc, PPM = % TOC * 10000

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC042418

WorkList ID : 111152

Date : 4/24/2018 7:41:39 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/19/2018	Solid	J2260-09	TOC	Cool 4 deg C	REMI02	L13	S-5-AT-OUT-FALL-0-6	04/03/2018	Walkley Black

Date/Time 4-24-18 9:00
 Received by: AW
 Relinquished by: AW

Date/Time 4-24-18 10:30
 Received by: AW
 Relinquished by: AW