

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB101331

Constant: 0.399

Balance ID: WC SC-5

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP71118
0.5N Ferrous Sulfate Solution for WB	WP69589
STONES,BOILING,PTFE 450GM	M4181
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	W2402
Ferroin Indicator-0.025M, 120ML	W2481

Seq	K2Cr2O7 (mL)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	21.00	0.48	0.399	0.48
2	10.00	1.00	20.80	0.48	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 (mL)	FeSO4 Final (mL)	FeSO4 Diff (mL)	FeSO4 (N)	% TOC	TOC, PPM	Anal Date	Anal Time
1	LB101331BL	LB101331BL		1	0.11	10.00	1.00	0.00	21.00	21.00	0.48	-0.29	-2902	03/13/2019	12:45
2	LB101331BS	LB101331BS	470000	1	0.04	10.00	1.00	21.00	32.00	11.00	0.48	47.08	470820	03/13/2019	12:53
3	K1711-05	TOC-3		1	0.98	10.00	1.00	32.00	48.00	16.00	0.48	0.94	9446	03/13/2019	12:59
4	K1711-05DUP	TOC-3DUP		1	0.99	10.00	1.00	0.00	16.20	16.20	0.48	0.90	8963	03/13/2019	13:10

% 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

19101331

WORKLIST(Hardcopy Internal Chain)

WorkList Name : wb031319

WorkList ID : 123364

Date : 03-13-2019 11:50:19

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/15/2019	Solid	K1711-05	TOC	Cool 4 deg C	BEMS01	P33	TOC-3	02/28/2019	Walkley Black

Date/Time 03-13-19 12:00
 Received by: AP
 Relinquished by: OR

Date/Time 03-13-19 13:15
 Received by: OR
 Relinquished by: OR