CHEMTECH

Analytical Summary Report

Analysis Method: Walkley Black
Parameter: TOC
Run Number: LB103499

Reviewed By: AMANDEEP
Supervisor Review By: apatel
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	WP73646
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L	W2482

Seq	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	20.80	0.48	0.399	0.48
2	10.00	1.00	20.80	0.48	0.399	

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

1	LB103499BL	LB103499BL		1	0.15	10.00	1.00	0.00	20.80	20.80	0.48	0.04	426	06/19/2019 10:19

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

$$Toc, PPM = \% TOC * 10000$$

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	LB103499BL	LB103499BL		1	0.15	10.00	1.00	0.00	20.80	20.80	0.48	0.04	426	06/19/2019	10:19
2	LB103499BS	LB103499BS	470000	1	0.06	10.00	1.00	20.80	25.80	5.00	0.48	50.54	505400	06/19/2019	10:25
3	K3285-06	M-1-OW(0-10)		1	0.44	10.00	1.00	25.80	44.20	18.40	0.48	1.06	10592	06/19/2019	10:35
4	K3285-06DUP	M-1-OW(0-10)DUP		1	1.00	10.00	1.00	44.20	60.00	15.80	0.48	0.96	9640	06/19/2019	10:42

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

Toc, PPM = % TOC * 10000

LB103467

WORKLIST(Hardcopy Internal Chain)

WorkList Name : toc061919 WorkList ID : 127603 Date : 06-19-2019 08:16:52

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/24/2019	Solid	K3285-06	TOC	Cool 4 deg C	WSPO01	H53	M-1-OW(0-10)	06/10/2019	Walkley Black

Date/Time 06-12-19 10:00
Received by: AD
Relinquished by:

Date/Time 06-12-19 10:30
Received by:
Relinquished by: