

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB99351

Constant: 0.399

Balance ID: WC SC-3

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP65655
0.5N Ferrous Sulfate Solution for WB	WP69589
Ferroin Indicator-0.025M, 120ML	W2296
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	W2402

Seq	K2Cr2O7 (mL)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	20.40	0.49	0.399	0.49
2	10.00	1.00	20.40	0.49	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	LB99351BL	LB99351BL		1	0.24	10.00	1.00	0.00	20.40	20.40	0.49	0.01	67	11/21/2018	14:18
2	LB99351BS	LB99351BS	470000	1	0.04	10.00	1.00	20.40	30.20	9.80	0.49	51.85	518501	11/21/2018	14:18
3	J5940-06	B-25 (0-10)		1	0.44	10.00	1.00	30.20	46.20	16.00	0.49	1.96	19587	11/21/2018	14:25
4	J5940-06DUP	B-25 (0-10) DUP		1	0.49	10.00	1.00	46.20	61.00	14.80	0.49	2.24	22377	11/21/2018	14:35

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

Sampl t Wt

Toc, PPM = % TOC * 10000

6399351

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC112118

WorkList ID : 119505

Date : 11/21/2018 1:02:33 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/26/2018	Solid	J5940-06	TOC	Cool 4 deg C	WSP001	L13	B-25(0-10)	11/12/2018	Walkley Black

Date/Time 11-21-18 13:18
Received by: AL
Relinquished by: CP

Date/Time 11-21-18 15:00
Received by: CP
Relinquished by: AL