

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB101838

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
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	21.80	0.46	0.399	0.46
2	10.00	1.00	21.60	0.46	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	LB101838BL	LB101838BL		1	0.15	10.00	1.00	0.00	21.80	21.80	0.46	-0.07	-745	04/03/2019	13:34
2	LB101838BS	LB101838BS	470000	1	0.05	10.00	1.00	22.60	30.00	7.40	0.46	52.64	526361	04/03/2019	13:42
3	K2090-08	P-5 (0-10)		1	0.31	10.00	1.00	49.60	68.00	18.40	0.46	1.98	19770	04/03/2019	13:56
4	K2185-06	P-4-OW (0-10)		1	0.17	10.00	1.00	0.00	18.00	18.00	0.46	4.04	40369	04/03/2019	14:05
5	K2185-06DUP	P-4-OW (0-10) DUP		1	0.25	10.00	1.00	18.00	34.00	16.00	0.46	4.21	42134	04/03/2019	14:15

% 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

3107838

WORKLIST(Hardcopy Internal Chain)

WorkList Name : WB040319

WorkList ID : 124346

Date : 04-03-2019 12:19:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/08/2019	Solid	K2090-08	TOC	Cool 4 deg C	WSP001	F41	P-5(0-10)	03/25/2019	Walkley Black
04/12/2019	Solid	K2185-06	TOC	Cool 4 deg C	WSP001	F52	P-4-OW(0-10)	03/29/2019	Walkley Black

Date/Time 04-01-19 9:50

Received by:

Relinquished by:

Date/Time 04-01-19 10:15

Received by:

Relinquished by: