

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB101622

Constant: 0.399

Balance ID: WC SC-4

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	LB101622BL	LB101622BL		1	0.19	10.00	1.00	0.00	21.80	21.80	0.46	-0.06	-588	03/26/2019	11:37
2	LB101622BS	LB101622BS	470000	1	0.05	10.00	1.00	21.80	31.60	9.80	0.46	43.83	438262	03/26/2019	11:37
3	K1785-15	SD4-0.0-0.5		1	0.09	10.00	1.00	31.60	51.60	20.00	0.46	3.55	35467	03/26/2019	11:37
4	K1785-16	SD3-0.0-0.5		1	0.08	10.00	1.00	51.60	71.40	19.80	0.46	4.45	44489	03/26/2019	11:37
5	K1785-17	2019-03-05-DUP-SD		1	0.10	10.00	1.00	71.40	91.00	19.60	0.46	3.93	39262	03/26/2019	11:37
6	K1785-18	SD2-0.0-0.5		1	0.10	10.00	1.00	0.00	19.00	19.00	0.46	5.03	50274	03/26/2019	11:38
7	K1785-19	SD1-0.0-0.5		1	0.10	10.00	1.00	19.00	36.60	17.60	0.46	7.60	75970	03/26/2019	11:38
8	K1785-19DUP	SD1-0.0-0.5DUP		1	0.10	10.00	1.00	36.60	54.40	17.80	0.46	7.23	72299	03/26/2019	11:38

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

Sample Wt

Toc, PPM = % TOC * 10000

WORKLIST(Hardcopy Internal Chain)

03/06/2019

WorkList Name : WB032619

WorkList ID : 123955

Date : 03-26-2019 09:43:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/19/2019	Solid	1 K1785-15	TOC	Cool 4 deg C	WEST10	P61	SD4-0.0-0.5	03/05/2019	Walkley Black
03/19/2019	Solid	2 K1785-16	TOC	Cool 4 deg C	WEST10	P61	SD3-0.0-0.5	03/05/2019	Walkley Black
03/19/2019	Solid	3 K1785-17	TOC	Cool 4 deg C	WEST10	P61	2019-03-05-DUP-SD	03/05/2019	Walkley Black
03/19/2019	Solid	4 K1785-18	TOC	Cool 4 deg C	WEST10	P61	SD2-0.0-0.5	03/05/2019	Walkley Black
03/19/2019	Solid	5 K1785-19	TOC	Cool 4 deg C	WEST10	P61	SD1-0.0-0.5	03/05/2019	Walkley Black

Date/Time 03-08-19 16:00

Received by: AB

Relinquished by: CP

Date/Time 03-08-19 16:30

Received by: [Signature]

Relinquished by: [Signature]