

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB102631

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
Ferroin Indicator-0.025M, 120ML	W2296

Seq	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	20.00	0.50	0.399	0.50
2	10.00	1.00	20.10	0.50	0.399	

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

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1	LB102631BL	LB102631BL		1	0.14	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	05/09/2019	10:03
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$$\% \text{ TOC} = \frac{[\text{K2Cr2O7 (ml)} * \text{K2Cr2O7 (N)}] - [\text{FeSO4 Diff (mL)} * \text{FeSO4 (N)}]}{\text{Samplt Wt}} * \text{Constant}$$

Toc, PPM = % TOC * 10000

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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	LB102631BL	LB102631BL		1	0.14	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	05/09/2019	10:03
2	LB102631BS	LB102631BS	470000	1	0.03	10.00	1.00	22.00	35.40	13.40	0.50	43.89	438900	05/09/2019	10:10
3	K2703-07	P-3-OW (0-10)		1	0.40	10.00	1.00	35.40	46.80	11.40	0.50	4.29	42893	05/09/2019	10:17
4	K2728-06	P-3A-OW (0-10)		1	0.25	10.00	1.00	46.80	62.80	16.00	0.50	3.19	31920	05/09/2019	10:26
5	K2728-06DUP	P-3A-OW (0-10) DUP		1	0.23	10.00	1.00	62.80	78.80	16.00	0.50	3.47	34696	05/09/2019	10:35

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

$$\text{Toc, PPM} = \% \text{ TOC} * 10000$$

WORKLIST(Hardcopy Internal Chain)

WorkList Name : toc50819

WorkList ID : 125816

Date : 05-08-2019 11:18:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/17/2019	Solid	K2703-07	TOC	Cool 4 deg C	WSP001	K41	P-3-OW(0-10)	05/03/2019	Walkley Black
05/20/2019	Solid	K2728-06	TOC	Cool 4 deg C	WSP001	K33	P-3A-OW(0-10)	05/07/2019	Walkley Black

Date/Time 05-08-19 14:05
 Received by: AO
 Relinquished by: AO

Date/Time 05-08-19 15:10
 Received by: AO
 Relinquished by: AO