

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB102986

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	WP73646
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L	W2482
Ferroin Indicator-0.025M, 120ML	W2296

Seq	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	21.60	0.46	0.399	0.46
2	10.00	1.00	21.80	0.46	0.399	

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

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1	LB102986BL	LB102986BL		1	1.03	10.00	1.00	0.00	21.60	21.60	0.46	0.02	248	05/24/2019	13:02
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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	LB102986BL	LB102986BL		1	1.03	10.00	1.00	0.00	21.60	21.60	0.46	0.02	248	05/24/2019	13:02
2	LB102986BS	LB102986BS	470000	1	0.05	10.00	1.00	21.60	29.80	8.20	0.46	49.70	496994	05/24/2019	13:10
3	K2900-07	P-2 (0-10)		1	0.21	10.00	1.00	29.80	46.00	16.20	0.46	4.84	48412	05/24/2019	13:20
4	K2900-07DUP	P-2 (0-10) DUP		1	0.25	10.00	1.00	46.00	61.40	15.40	0.46	4.65	46539	05/24/2019	13:28

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

Sampl t Wt

Toc, PPM = % TOC * 10000

LB102986

WORKLIST(Hardcopy Internal Chain)

WorkList Name : toc0524219

WorkList ID : 126533

Date : 05-24-2019 08:53:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/30/2019	Solid	K2900-07	TOC	Cool 4 deg C	WSP001	O43	P-2(0-10)	05/16/2019	Walkley Black

Date/Time 05/24/19 9:10

Received by: [Signature]

Relinquished by: [Signature]

Date/Time 05/24/19 10:00

Received by: [Signature]

Relinquished by: [Signature]