

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB102085

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
CYANIDE STD 1000PPM 4OZ	W2385

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	20.20	0.50	0.399	

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

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1	LB102085BL	LB102085BL		1	0.12	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	04/15/2019	10:28
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$$\% \text{ TOC} = \frac{[\text{K2Cr2O7 (mL)} * \text{K2Cr2O7 (N)}] - [\text{FeSO4 Diff (mL)} * \text{FeSO4 (N)}]}{\text{Samplt Wt}} * \text{Constant}$$

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

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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	LB102085BL	LB102085BL		1	0.12	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	04/15/2019	10:28
2	LB102085BS	LB102085BS	470000	1	0.06	10.00	1.00	20.00	24.40	4.40	0.50	51.87	518700	04/15/2019	10:35
3	K2334-04	P-6 (0-10)		1	0.13	10.00	1.00	24.40	42.40	18.00	0.50	3.07	30692	04/15/2019	10:42
4	K2334-04DUP	P-6 (0-10) DUP		1	0.23	10.00	1.00	42.40	58.80	16.40	0.50	3.12	31226	04/15/2019	10:51

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

Sample Wt

Toc, PPM = % TOC * 10000

03102085

WORKLIST(Hardcopy Internal Chain)

WorkList Name : toc041219

WorkList ID : 124768

Date : 04-12-2019 09:43:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/22/2019	Solid	K2334-04	TOC	Cool 4 deg C	WSP001	F11	P-6(0-10)	04/08/2019	Walkley Black

Date/Time 04-12-19 10:10
Received by:
Relinquished by:

Date/Time 04-12-19 10:25
Received by:
Relinquished by: