

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB102148

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
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	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	LB102148BL	LB102148BL		1	0.19	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	04/17/2019	10:05
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$$\% \text{ TOC} = \frac{[\text{K2Cr2O7 (ml)} * \text{K2Cr2O7 (N)}] - [\text{FeSO4 Diff (mL)} * \text{FeSO4 (N)}]}{\text{Sampl t Wt}} * \text{Constant}$$

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	LB102148BL	LB102148BL		1	0.19	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	04/17/2019	10:05
2	LB102148BS	LB102148BS	470000	1	0.05	10.00	1.00	20.00	29.40	9.40	0.50	42.29	422940	04/17/2019	10:13
3	K2405-04	B-1D(0-24)		1	0.10	10.00	1.00	29.40	47.80	18.40	0.50	3.19	31920	04/17/2019	10:18
4	K2405-04DUP	B-1D(0-24) DUP		1	0.12	10.00	1.00	47.80	66.00	18.20	0.50	2.99	29925	04/17/2019	10:28

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

Sample Wt

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

WORKLIST(Hardcopy Internal Chain)

LB 102148

WorkList Name : toc041719

WorkList ID : 124927

Date : 04-17-2019 08:18:21

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/26/2019	Solid	K2405-04	TOC	Cool 4 deg C	WSP001	K51	B-1D(0-24)	04/12/2019	Walkley Black

Date/Time 04-15-19 9:10
 Received by:
 Relinquished by:

Date/Time 04-15-19 10:00
 Received by:
 Relinquished by: