

Analytical Summary Report

Analysis Method: Walkley Black

Parameter: TOC

Run Number: LB115418

Reviewed By: apatel

Supervisor Review By: ketankumar

Constant: 0.399

Balance ID: WC SC-4

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP90726
0.5N Ferrous Sulfate Solution for WB	WP90725
Ferroin Indicator-0.025M, 120ML	W2614

Seq	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	22.20	0.45	0.399	0.45
2	10.00	1.00	22.00	0.45	0.399	

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

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1	LB115418BL	LB115418BL		1	0.25	10.00	1.00	0.00	22.20	22.20	0.45	0.02	160	07/19/2021	14:02
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$$\% \text{ TOC} = \frac{[\text{K2Cr2O7 (ml)} * \text{K2Cr2O7 (N)}] - [\text{FeSO4 Diff (mL)} * \text{FeSO4 (N)}]}{\text{Samplt Wt}} * \text{Constant}$$

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

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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	LB115418BL	LB115418BL		1	0.25	10.00	1.00	0.00	22.20	22.20	0.45	0.02	160	07/19/2021	14:02
2	LB115418BS	LB115418BS	470000	1	0.03	10.00	1.00	0.00	14.40	14.40	0.45	46.82	468160	07/19/2021	14:10
3	M3085-01	RW8-MW0103-558-560		1	3.47	10.00	1.00	0.00	13.20	13.20	0.45	0.47	4668	07/19/2021	14:18
4	M3085-01DUP	RW8-MW0103-558-560DUP		1	1.29	10.00	1.00	14.00	33.80	19.80	0.43	0.46	4596	07/19/2021	14:25

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

Sample Wt

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC-071621 WorkList ID : 150649 Department : Wet-Chemistry Date : 07-16-2021 14:00:06

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/30/2021	Solid	M3085-01	TOC	Cool 4 deg C	TETR06	L11	RW8-MW0103-558-560	07/13/2021	Walkley Black

Date/Time 7/16/21 14:30
 Raw Sample Received by: AP (WC)
 Raw Sample Relinquished by: JP (WC)

Date/Time 7/16/21 14:30
 Raw Sample Received by: JP (WC)
 Raw Sample Relinquished by: JP (WC)