

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: apatel

Parameter: TOC

Supervisor Review By: ketankumar

Run Number: LB116234

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	18.20	0.55	0.399	0.55
2	10.00	1.00	18.20	0.55	0.399	

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

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1	LB116234BL	LB116234BL		1	0.52	10.00	1.00	0.00	18.20	18.20	0.55	-0.01	(77)	09/10/2021	10:10
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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	LB116234BL	LB116234BL		1	0.52	10.00	1.00	0.00	18.20	18.20	0.55	-0.01	(77)	09/10/2021	10:10
2	LB116234BS	LB116234BS	470000	1	0.04	10.00	1.00	0.00	10.20	10.20	0.55	43.79	437902	09/10/2021	10:16
3	M3675-02	BP-TT-VPB-RW7-SO-630-63		1	4.10	10.00	1.00	0.00	16.20	16.20	0.55	0.11	1061	09/10/2021	10:22
4	M3675-03	BP-TT-VPB-RW7-SO-640-64		1	2.30	10.00	1.00	0.00	11.00	11.00	0.55	0.69	6852	09/10/2021	10:27
5	M3675-04	BP-TT-VPB-RW7-SO-650-65		1	3.82	10.00	1.00	0.00	17.40	17.40	0.55	0.04	449	09/10/2021	10:33
6	M3675-05	BP-TT-VPB-RW7-SO-660-66		1	3.73	10.00	1.00	0.00	17.60	17.60	0.55	0.03	342	09/10/2021	10:40
7	M3675-06	BP-TT-VPB-RW7-SO-680-68		1	5.01	10.00	1.00	0.00	18.00	18.00	0.55	0.01	80	09/10/2021	10:46
8	M3675-07	BP-TT-VPB-RW7-SO-690-69		1	4.17	10.00	1.00	0.00	17.00	17.00	0.55	0.06	622	09/10/2021	10:52
9	M3675-08	BP-TT-VPB-RW7-SO-700-70		1	5.35	10.00	1.00	0.00	16.20	16.20	0.55	0.08	813	09/10/2021	10:59
10	M3675-09	BP-TT-VPB-RW7-SO-710-71		1	3.54	10.00	1.00	0.00	15.40	15.40	0.55	0.17	1724	09/10/2021	11:07
11	M3675-11	BP-TT-VPB-RW7-SO-720-72		1	5.46	10.00	1.00	0.00	17.20	17.20	0.55	0.04	395	09/10/2021	11:15
12	M3675-11DUP	BP-TT-VPB-RW7-SO-720-72		1	5.22	10.00	1.00	0.00	17.40	17.40	0.55	0.03	329	09/10/2021	11:22

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

Sample Wt

Toc, PPM = % TOC * 10000

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC-090821 WorkList ID : 152051 Department : Wet-Chemistry Date : 09-08-2021 11:20:18

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/10/2021	Solid	M3675-02	TOC	Cool 4 deg C	TETR06	D11	BP-TT-VPB-RW7-SO-63C	08/30/2021	Walkley Black
09/10/2021	Solid	M3675-03	TOC	Cool 4 deg C	TETR06	D11	BP-TT-VPB-RW7-SO-64C	08/30/2021	Walkley Black
09/10/2021	Solid	M3675-04	TOC	Cool 4 deg C	TETR06	D11	BP-TT-VPB-RW7-SO-65C	08/30/2021	Walkley Black
09/10/2021	Solid	M3675-05	TOC	Cool 4 deg C	TETR06	D11	BP-TT-VPB-RW7-SO-66C	08/31/2021	Walkley Black
09/10/2021	Solid	M3675-06	TOC	Cool 4 deg C	TETR06	D11	BP-TT-VPB-RW7-SO-68C	08/31/2021	Walkley Black
09/10/2021	Solid	M3675-07	TOC	Cool 4 deg C	TETR06	D11	BP-TT-VPB-RW7-SO-69C	09/01/2021	Walkley Black
09/10/2021	Solid	M3675-08	TOC	Cool 4 deg C	TETR06	D11	BP-TT-VPB-RW7-SO-70C	09/01/2021	Walkley Black
09/10/2021	Solid	M3675-09	TOC	Cool 4 deg C	TETR06	D11	BP-TT-VPB-RW7-SO-71C	09/01/2021	Walkley Black
09/10/2021	Solid	M3675-11	TOC	Cool 4 deg C	TETR06	D11	BP-TT-VPB-RW7-SO-72C	09/03/2021	Walkley Black

Date/Time 9/8/21 15:10
 Raw Sample Received by: SP (Voc)
 Raw Sample Relinquished by: SP Sin

Date/Time 9/8/21 16:00
 Raw Sample Received by: SP Sin
 Raw Sample Relinquished by: AP (Voc)