

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: apatel

Parameter: TOC

Supervisor Review By: AMANDEEP

Run Number: LB87347

Constant: 0.399

Balance ID: WC SC-4

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP54774
0.5N Ferrous Sulfate Solution for WB	WP54773
Potassium Hydrogen Phthalate, 500 gms	W1455
Ferrouin Indicator-0.025M, 120ML	W2125

Seq	LabID	ClientID	TrueVal (mL/g)	DL	Sample Wt (ml)	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 Initial	FeSO4 Final	FeSO4 Diff	FeSO4 (N)	% TOC	TOC, PPM	Anal Date	Anal Time
1	LB87347BL	LB87347BL		1	0.32	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	05/09/2017	15:22
2	LB87347BS	LB87347BS	470000	1	0.05	10.00	1.00	20.00	28.00	8.00	0.50	47.88	478800	05/09/2017	15:26
3	I3038-01	SB-03-2.5-3.5		1	0.39	10.00	1.00	0.00	6.00	6.00	0.50	7.16	71615	05/09/2017	15:33
4	I3038-02	SB-03-2.5-3.5-DUP		1	0.31	10.00	1.00	0.00	7.20	7.20	0.50	8.24	82374	05/09/2017	15:39
5	I3038-03	SB-06-COMP (0-7)		1	0.33	10.00	1.00	0.00	5.80	5.80	0.50	8.58	85845	05/09/2017	15:45
6	I3038-04	SB-06-COMP (0-7) DUP		1	0.42	10.00	1.00	0.00	5.20	5.20	0.50	7.03	70300	05/09/2017	15:51
7	I3038-05	SB-09-2.0-3.0		1	0.45	10.00	1.00	0.00	5.00	5.00	0.50	6.65	66500	05/09/2017	15:56
8	I3038-06	SB-10-COMP (0-6.5)		1	0.51	10.00	1.00	0.00	5.60	5.60	0.50	5.63	56329	05/09/2017	16:03
9	I3038-07	SB-11-1.0-2.0		1	0.25	10.00	1.00	0.00	5.00	5.00	0.50	11.97	119700	05/09/2017	16:08
10	I3038-08	SB-11-COMP (0-1.0)		1	0.42	10.00	1.00	0.00	5.60	5.60	0.50	6.84	68400	05/09/2017	16:12
11	I3044-01	SB-03-COMP (0-2.5)		1	0.92	10.00	1.00	0.00	6.40	6.40	0.50	2.95	29491	05/09/2017	16:17
12	I3044-02	SB-04-7.5-8.5		1	0.24	10.00	1.00	0.00	5.20	5.20	0.50	12.30	123025	05/09/2017	16:22

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

Sampl t Wt

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

Seq	LabID	ClientID	TrueVal (mL/g)	DL	Sample Wt (ml)	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 Initial	FeSO4 Final	FeSO4 Diff	FeSO4 (N)	% TOC	TOC, PPM	Anal Date	Anal Time
13	I3044-03	SB-04-COMP (0-7.5)		1	0.25	10.00	1.00	0.00	5.20	5.20	0.50	11.81	118104	05/09/2017	16:27
14	I3044-04	SB-06-7.0-8.0		1	0.22	10.00	1.00	0.00	5.40	5.40	0.50	13.24	132395	05/09/2017	16:31
15	I3044-05	SB-09-COMP (0-2)		1	0.53	10.00	1.00	0.00	5.40	5.40	0.50	5.50	54957	05/09/2017	16:36
16	I3044-06	SB-10-6.5-7.5		1	0.25	10.00	1.00	0.00	5.60	5.60	0.50	11.49	114912	05/09/2017	16:40
17	I3044-06DUP	SB-10-6.5-7.5DUP		1	0.28	10.00	1.00	0.00	5.20	5.20	0.50	10.54	105450	05/09/2017	16:48

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

Sample Wt

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOCWB050817

WorkList ID : 98221

Date : 5/8/2017 12:30:53 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Solid	I3038-01	TOC	Cool 4 deg C	LIRO01	F32	SB-03-2.5-3.5	04/27/2017	Walkley Black
	Solid	I3038-02	TOC	Cool 4 deg C	LIRO01	F32	SB-03-2.5-3.5-DUP	04/27/2017	Walkley Black
	Solid	I3038-03	TOC	Cool 4 deg C	LIRO01	F32	SB-06-COMP(0-7)	04/27/2017	Walkley Black
	Solid	I3038-04	TOC	Cool 4 deg C	LIRO01	F32	SB-06-COMP(0-7)DUP	04/27/2017	Walkley Black
	Solid	I3038-05	TOC	Cool 4 deg C	LIRO01	F32	SB-09-2.0-3.0	04/27/2017	Walkley Black
	Solid	I3038-06	TOC	Cool 4 deg C	LIRO01	F32	SB-10-COMP(0-6.5)	04/27/2017	Walkley Black
	Solid	I3038-07	TOC	Cool 4 deg C	LIRO01	F32	SB-11-1.0-2.0	04/27/2017	Walkley Black
	Solid	I3038-08	TOC	Cool 4 deg C	LIRO01	F32	SB-11-COMP(0-1.0)	04/27/2017	Walkley Black
	Solid	I3044-01	TOC	Cool 4 deg C	LIRO01	F32	SB-03-COMP(0-2.5)	04/27/2017	Walkley Black
	Solid	I3044-02	TOC	Cool 4 deg C	LIRO01	F32	SB-04-7.5-8.5	04/27/2017	Walkley Black
	Solid	I3044-03	TOC	Cool 4 deg C	LIRO01	F32	SB-04-COMP(0-7.5)	04/27/2017	Walkley Black
	Solid	I3044-04	TOC	Cool 4 deg C	LIRO01	F32	SB-06-7.0-8.0	04/27/2017	Walkley Black
	Solid	I3044-05	TOC	Cool 4 deg C	LIRO01	F32	SB-09-COMP(0-2)	04/27/2017	Walkley Black
	Solid	I3044-06	TOC	Cool 4 deg C	LIRO01	F32	SB-10-6.5-7.5	04/27/2017	Walkley Black

Date/Time 5/8/2017 12:45 PM

Received by: AS

Relinquished by: AS

Date/Time 5/8/2017 2:00 PM

Received by: AS

Relinquished by: AS