

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB91472

Constant: 0.399

Balance ID: WC SC-4

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP59522
0.5N Ferrous Sulfate Solution for WB	WP54922
Ferroin Indicator-0.025M, 120ML	W2188
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	W2246

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	20.00	0.50	0.399	

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

Seq	LabID	ClientID	TrueVal (mg/Kg)	DL	Sample Wt (g)	K2Cr2O7 (ml)	K2Cr2O7 (N)	FeSO4 Initial	FeSO4 Final	FeSO4 Diff	FeSO4 (N)	% TOC	TOC, PPM	Anal Date	Anal Time
1	LB91472BL	LB91472BL		1	0.85	10.00	1.00	0.00	19.80	19.80	0.51	-0.05	-460	11/09/2017	11:30
2	LB91472BS	LB91472BS	470000	1	0.06	10.00	1.00	19.80	25.00	5.20	0.51	48.86	488642	11/09/2017	11:39
3	I6313-01	PET-BF010-01		1	5.40	10.00	1.00	25.00	44.00	19.00	0.51	0.02	229	11/09/2017	11:48
4	I6313-01DUP	PET-BF010-01DUP		1	5.48	10.00	1.00	44.00	63.00	19.00	0.51	0.02	226	11/09/2017	11:59
5	I6313-04	PET-BF010-02		1	5.42	10.00	1.00	63.60	82.80	19.20	0.51	0.02	153	11/09/2017	12:09
6	I6313-05	PET-BF011-01		1	5.18	10.00	1.00	0.00	18.60	18.60	0.51	0.04	396	11/09/2017	12:18
7	I6313-06	PET-BF012-01		1	5.09	10.00	1.00	18.60	37.80	19.20	0.51	0.02	163	11/09/2017	12:29
8	I6313-07	PET-BF013-01		1	5.19	10.00	1.00	37.80	57.00	19.20	0.51	0.02	160	11/09/2017	12:37
9	I6313-08	PET-BF014-01		1	5.22	10.00	1.00	57.00	75.80	18.80	0.51	0.03	315	11/09/2017	12:46
10	I6313-09	PET-BF015-01		1	5.33	10.00	1.00	75.80	94.60	18.80	0.51	0.03	308	11/09/2017	12:59
11	I6313-10	PET-BF016-01		1	4.75	10.00	1.00	0.00	19.20	19.20	0.51	0.02	175	11/09/2017	13:08
12	I6313-11	PET-BF017-01		1	5.23	10.00	1.00	19.20	38.20	19.00	0.51	0.02	237	11/09/2017	13:16
13	I6313-12	PET-BF018-01		1	4.44	10.00	1.00	38.20	57.60	19.40	0.51	0.01	95	11/09/2017	13:25
14	I6313-13	PET-BF019-01		1	4.83	10.00	1.00	57.60	76.60	19.00	0.51	0.03	256	11/09/2017	13:35

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

Sample Wt

Toc, PPM = % TOC * 10000

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC110317-2

WorkList ID : 105117

Date : 11/3/2017 1:24:44 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/09/2017	Solid	I6313-01	TOC	Cool 4 deg C	ROYF02	C23	PET-BF010-01	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-02	TOC	Cool 4 deg C	ROYF02	C23	I6313-01MS	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-03	TOC	Cool 4 deg C	ROYF02	C23	I6313-01MSD	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-04	TOC	Cool 4 deg C	ROYF02	C23	PET-BF010-02	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-05	TOC	Cool 4 deg C	ROYF02	C23	PET-BF011-01	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-06	TOC	Cool 4 deg C	ROYF02	C23	PET-BF012-01	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-13	TOC	Cool 4 deg C	ROYF02	C23	PET-BF019-01	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-07	TOC	Cool 4 deg C	ROYF02	C23	PET-BF013-01	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-08	TOC	Cool 4 deg C	ROYF02	C23	PET-BF014-01	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-09	TOC	Cool 4 deg C	ROYF02	C23	PET-BF015-01	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-10	TOC	Cool 4 deg C	ROYF02	C23	PET-BF016-01	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-11	TOC	Cool 4 deg C	ROYF02	C23	PET-BF017-01	11/02/2017	Walkley Black
11/09/2017	Solid	I6313-12	TOC	Cool 4 deg C	ROYF02	C23	PET-BF018-01	11/02/2017	Walkley Black

Date/Time 11/08/17 12:45

Received by: AK

Relinquished by: CP

Date/Time 11/08/17 16:15

Received by: CP

Relinquished by: AK