

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB97373

Constant: 0.399

Balance ID: WC SC-4

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP65655
0.5N Ferrous Sulfate Solution for WB	WP63964
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	W2310
Ferroin Indicator-0.025M, 120ML	W2188

Seq	K2Cr2O7 (mL)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	19.80	0.51	0.399	0.51
2	10.00	1.00	19.60	0.51	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 (mL)	FeSO4 Final (mL)	FeSO4 Diff (mL)	FeSO4 (N)	% TOC	TOC, PPM	Anal Date	Anal Time
1	LB97373BL	LB97373BL		1	0.32	10.00	1.00	0.00	19.60	19.60	0.51	0.00	50	08/17/2018	14:15
2	LB97373BS	LB97373BS	470000	1	0.06	10.00	1.00	19.80	23.80	4.00	0.51	52.93	529340	08/17/2018	14:20
3	J4388-09	S-2A		1	0.89	10.00	1.00	0.00	15.20	15.20	0.51	1.01	10078	08/17/2018	14:26
4	J4388-10	S-2B		1	0.66	10.00	1.00	15.20	31.20	16.00	0.51	1.11	11124	08/17/2018	14:32
5	J4388-11	S-3A		1	0.22	10.00	1.00	31.20	49.40	18.20	0.51	1.30	13022	08/17/2018	14:37
6	J4388-12	S-3B		1	0.98	10.00	1.00	49.40	64.80	15.40	0.51	0.87	8737	08/17/2018	14:42
7	J4388-13	CHA-1		1	0.90	10.00	1.00	64.80	77.80	13.00	0.51	1.49	14940	08/17/2018	14:50
8	J4388-13DUP	CHA-1DUP		1	0.92	10.00	1.00	77.80	90.80	13.00	0.51	1.46	14616	08/17/2018	14:55

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

Sample Wt

Toc, PPM = % TOC * 10000

6897373

WORKLIST(Hardcopy Internal Chain)

WorkList Name : toc081718

WorkList ID : 115783

Date : 8/17/2018 1:30:14 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/21/2018	Solid	J4388-09	TOC	Cool 4 deg C	CLOU03	O63	S-2A	08/07/2018	Walkley Black
08/21/2018	Solid	J4388-10	TOC	Cool 4 deg C	CLOU03	O63	S-2B	08/07/2018	Walkley Black
08/21/2018	Solid	J4388-11	TOC	Cool 4 deg C	CLOU03	O63	S-3A	08/07/2018	Walkley Black
08/21/2018	Solid	J4388-12	TOC	Cool 4 deg C	CLOU03	O63	S-3B	08/07/2018	Walkley Black
08/21/2018	Solid	J4388-13	TOC	Cool 4 deg C	CLOU03	O63	CHA-1	08/07/2018	Walkley Black

Date/Time 8/17/18 13:40
 Received by: ALC
 Relinquished by: Q

Date/Time 8/17/18 14:10
 Received by: [Signature]
 Relinquished by: [Signature]