

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB96332

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
Ferroin Indicator-0.025M, 120ML	W2188
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	W2310

Seq	K2Cr2O7 (mL)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	20.40	0.49	0.399	0.49
2	10.00	1.00	20.40	0.49	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	LB96332BL	LB96332BL		1	0.68	10.00	1.00	11.40	31.80	20.40	0.49	0.00	23	06/29/2018	08:15
2	LB96332BS	LB96332BS	470000	1	0.04	10.00	1.00	0.00	10.00	10.00	0.49	50.87	508725	06/29/2018	08:26
3	J3709-01	EME-FW-TS004-01		1	0.28	10.00	1.00	26.60	39.60	13.00	0.49	5.17	51727	06/29/2018	08:34
4	J3709-01DUP	EME-FW-TS004-01DUP		1	0.28	10.00	1.00	39.60	53.20	13.60	0.49	4.75	47538	06/29/2018	08:42
5	J3709-04	EME-FW-TS004-02		1	0.28	10.00	1.00	53.20	64.60	11.40	0.49	6.29	62899	06/29/2018	08:49
6	J3709-05	EME-FW-TS005-01		1	0.36	10.00	1.00	64.60	70.00	5.40	0.49	8.15	81507	06/29/2018	08:58

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

Sampl t Wt

Toc, PPM = % TOC * 10000