

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB94841

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	WP60635
Ferroin Indicator-0.025M, 120ML	W2296
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	22.60	0.44	0.399	0.45
2	10.00	1.00	22.40	0.45	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	LB94841BL	LB94841BL		1	0.36	10.00	1.00	0.00	22.40	22.40	0.45	-0.09	-887	04/24/2018	10:32
2	LB94841BS	LB94841BS	470000	1	0.03	10.00	1.00	22.60	36.20	13.60	0.45	51.60	516040	04/24/2018	10:38
3	J2457-01	EME-FW-TS001-01		1	0.62	10.00	1.00	44.80	53.60	8.80	0.45	3.89	38870	04/24/2018	10:45
4	J2457-04	EME-FW-TS001-02		1	0.20	10.00	1.00	17.80	33.60	15.80	0.45	5.77	57656	04/24/2018	10:50
5	J2457-05	EME-FW-TS002-01		1	0.48	10.00	1.00	63.40	73.00	9.60	0.45	4.72	47215	04/24/2018	10:55
6	J2457-06	EME-FW-TS003-01		1	0.47	10.00	1.00	35.00	44.80	9.80	0.45	4.75	47456	04/24/2018	11:00
7	J2457-06DUP	EME-FW-TS003-01DUP		1	0.50	10.00	1.00	44.80	54.00	9.20	0.45	4.68	46763	04/24/2018	11:10

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

Sample Wt

Toc, PPM = % TOC * 10000

1094936

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC041918

WorkList ID : 110988

Date : 4/19/2018 9:01:13 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/25/2018	Solid	J2457-01	TOC	Cool 4 deg C	ROYF02		EME-FW-TS001-01	04/18/2018	Walkley Black
04/25/2018	Solid	J2457-02	TOC	Cool 4 deg C	ROYF02		J2457-01MS	04/18/2018	Walkley Black
04/25/2018	Solid	J2457-03	TOC	Cool 4 deg C	ROYF02		J2457-01MSD	04/18/2018	Walkley Black
04/25/2018	Solid	J2457-04	TOC	Cool 4 deg C	ROYF02		EME-FW-TS001-02	04/18/2018	Walkley Black
04/25/2018	Solid	J2457-05	TOC	Cool 4 deg C	ROYF02		EME-FW-TS002-01	04/18/2018	Walkley Black
04/25/2018	Solid	J2457-06	TOC	Cool 4 deg C	ROYF02		EME-FW-TS003-01	04/18/2018	Walkley Black

Date/Time 4-24-18 8:00
Received by: [Signature]
Relinquished by: [Signature]

Date/Time 4-24-18 12:30
Received by: [Signature]
Relinquished by: [Signature]