

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB99248

Constant: 0.399

Balance ID: WC SC-3

Reagent/Standard	Lot/Log #
1N Dicromate Solution for WB	WP65655
0.5N Ferrous Sulfate Solution for WB	WP69589
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	W2402
Ferroin Indicator-0.025M, 120ML	W2296

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	LB99248BL	LB99248BL		1	0.23	10.00	1.00	0.00	20.00	20.00	0.50	0.00	0	11/15/2018	12:05
2	LB99248BS	LB99248BS	470000	1	0.04	10.00	1.00	20.00	30.00	10.00	0.50	49.88	498750	11/15/2018	12:12
3	J5734-08	B21 (0-10)		1	0.21	10.00	1.00	30.00	49.00	19.00	0.50	0.95	9500	11/15/2018	12:20
4	J5859-08	B-23 (0-10)		1	0.28	10.00	1.00	49.00	67.40	18.40	0.50	1.14	11400	11/15/2018	12:26
5	J5859-09	B-24 (0-10)		1	0.19	10.00	1.00	67.40	86.40	19.00	0.50	1.05	10500	11/15/2018	12:34
6	J5859-09DUP	B-24 (0-10) DUP		1	0.22	10.00	1.00	0.00	18.80	18.80	0.50	1.09	10882	11/15/2018	12:40

% 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

WORKLIST(Hardcopy Internal Chain)

6899248

WorkList Name : TOC111418-1

WorkList ID : 119253

Date : 11/14/2018 2:37:23 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/12/2018	Solid	J5734-08	TOC	Cool 4 deg C	WSP001	I41	B21(0-10)	10/29/2018	Walkley Black
11/20/2018	Solid	J5859-08	TOC	Cool 4 deg C	WSP001	J61	B-23(0-10)	11/06/2018	Walkley Black
11/20/2018	Solid	J5859-09	TOC	Cool 4 deg C	WSP001	J61	B-24(0-10)	11/05/2018	Walkley Black

Date/Time 11/15/18 11:10
 Received by: AC
 Relinquished by: CP

Date/Time 11/15/18 12:50
 Received by: CP
 Relinquished by: AC