

Analytical Summary Report

Analysis Method: Walkley Black

Reviewed By: AMANDEEP

Parameter: TOC

Supervisor Review By: apatel

Run Number: LB92417

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
Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	W2246
Ferroin Indicator-0.025M, 120ML	W2188

Seq	K2Cr2O7 (mL)	K2Cr2O7 (N)	FeSO4 (mL)	FeSO4 (N)	Constant	FeSO4 AVG (N)
1	10.00	1.00	21.00	0.48	0.399	0.48
2	10.00	1.00	21.00	0.48	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	LB92417BL	LB92417BL		1	0.22	10.00	1.00	0.00	21.00	21.00	0.48	-0.15	-1451	12/28/2017	11:15
2	LB92417BS	LB92417BS	470000	1	0.03	10.00	1.00	21.00	34.80	13.80	0.48	44.90	449008	12/28/2017	11:23
3	I6973-11	B11 (0-10) -COMP		1	0.30	10.00	1.00	51.80	69.00	17.20	0.48	2.32	23195	12/28/2017	11:30
4	I7056-08	B-9 (0-10) COMP		1	1.05	10.00	1.00	69.00	80.10	11.10	0.48	1.78	17754	12/28/2017	11:37
5	I7056-08DUP	B-9 (0-10) COMPDUP		1	0.52	10.00	1.00	80.10	96.00	15.90	0.48	1.82	18170	12/28/2017	11:45

% 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

6892417

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC122817

WorkList ID : 107022

Date : 12/28/2017 8:33:32 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/09/2018	Solid	I6973-11	TOC	Cool 4 deg C	WSP001	F22	B11(0-10)-COMP	12/18/2017	Walkley Black
01/05/2018	Solid	I7056-08	TOC	Cool 4 deg C	WSP001	G22	B-9(0-10)COMP	12/22/2017	Walkley Black

12-12-17
Date/Time 12/28/17 10:15
Received by: AC
Relinquished by: CQ

Date/Time 12/27/17 11:00
Received by: CQ
Relinquished by: AC