

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107236

ANALYST: Alexander
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP80247
IODINE SOLUTION .025N 1L	W2508
Starch Solution, 4L	W2379

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB126164BL		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	01/17/2020	14:10
2	L1006-04		1	5.01	50	2.00	1.84	3.66	1.82	0.18	0.02	1.60	01/17/2020	14:12
3	L1006-04DUP		1	5.03	50	2.00	3.66	5.46	1.80	0.20	0.04	3.18	01/17/2020	14:14
4	L1008-14		1	5.06	50	2.00	5.46	7.30	1.84	0.16	0.00	0.00	01/17/2020	14:16
5	L1010-09		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.08	6.37	01/17/2020	14:20
6	L1012-06		1	5.05	50	2.00	1.76	3.60	1.84	0.16	0.00	0.00	01/17/2020	14:22
7	L1016-09		1	5.02	50	2.00	3.60	5.38	1.78	0.22	0.06	4.78	01/17/2020	14:24
8	L1017-06		1	5.02	50	2.00	5.38	7.12	1.74	0.26	0.10	7.97	01/17/2020	14:26
9	L1154-02		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.04	3.18	01/17/2020	14:30
10	L1154-04		1	5.05	50	2.00	1.80	3.64	1.84	0.16	0.00	0.00	01/17/2020	14:32
11	L1154-06		1	5.06	50	2.00	3.64	5.30	1.66	0.34	0.18	14.23	01/17/2020	14:34
12	L1154-08		1	5.09	50	2.00	5.30	7.10	1.80	0.20	0.04	3.14	01/17/2020	14:36

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume



Analytical Summary Report

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13	L1155-03		1	5.00	50	2.00	0.00	1.64	1.64	0.36	0.20	16.00	01/17/2020	14:40
14	L1155-06		1	5.02	50	2.00	1.64	3.36	1.72	0.28	0.12	9.56	01/17/2020	14:42

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume