

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107352

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	PB126335BL		1	5.00	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	01/24/2020	14:30
2	L1007-10		1	5.07	50	2.00	1.80	3.60	1.80	0.20	0.00	0.00	01/24/2020	14:32
3	L1007-10DUP		1	5.03	50	2.00	3.60	5.38	1.78	0.22	0.02	1.59	01/24/2020	14:34
4	L1007-18		1	5.08	50	2.00	5.38	7.12	1.74	0.26	0.06	4.72	01/24/2020	14:36
5	L1007-26		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	01/24/2020	17:44
6	L1016-14		1	5.03	50	2.00	1.80	3.54	1.74	0.26	0.06	4.77	01/24/2020	14:42
7	L1240-03		1	5.04	50	2.00	3.54	5.24	1.70	0.30	0.10	7.94	01/24/2020	14:44
8	L1244-01		1	5.06	50	2.00	5.24	6.68	1.44	0.56	0.36	28.46	01/24/2020	14:46
9	L1244-02		1	5.00	50	2.00	0.00	1.62	1.62	0.38	0.18	14.40	01/24/2020	14:50
10	L1247-06		1	5.06	50	2.00	1.62	3.20	1.58	0.42	0.22	17.39	01/24/2020	14:52
11	L1247-14		1	5.08	50	2.00	3.20	4.70	1.50	0.50	0.30	23.62	01/24/2020	14:54
12	L1247-22		1	5.09	50	2.00	4.70	6.30	1.60	0.40	0.20	15.72	01/24/2020	14:56

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

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13	L1247-30		1	5.02	50	2.00	6.30	7.84	1.54	0.46	0.26	20.72	01/24/2020	14:58
14	L1247-38		1	5.02	50	2.00	0.00	1.54	1.54	0.46	0.26	20.72	01/24/2020	15:02

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