

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111053

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP86633
IODINE SOLUTION .025N 1L	W2670
Starch Solution, 4L	W2703

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	PB131734BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	09/18/2020	15:05
2	L3870-10		1	5.05	50	2.00	1.90	3.76	1.86	0.14	0.04	3.17	09/18/2020	15:08
3	L3870-10DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	09/18/2020	15:12
4	L3871-16		1	5.05	50	2.00	5.64	7.50	1.86	0.14	0.04	3.17	09/18/2020	15:15
5	L3871-22		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.06	4.78	09/18/2020	15:18
6	L4034-02		1	5.03	50	2.00	1.84	3.66	1.82	0.18	0.08	6.36	09/18/2020	15:20
7	L4038-04		1	5.06	50	2.00	3.66	5.46	1.80	0.20	0.10	7.91	09/18/2020	15:22
8	L4038-08		1	5.04	50	2.00	5.46	7.30	1.84	0.16	0.06	4.76	09/18/2020	15:25
9	L4038-10		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	09/18/2020	15:28
10	L4057-02		1	5.04	50	2.00	1.82	3.66	1.84	0.16	0.06	4.76	09/18/2020	15:30
11	L4059-04		1	5.05	50	2.00	3.66	5.50	1.84	0.16	0.06	4.75	09/18/2020	15:32
12	L4059-06		1	5.01	50	2.00	5.50	7.28	1.78	0.22	0.12	9.58	09/18/2020	15:35

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	L4075-01		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.10	7.97	09/18/2020	15:38

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