

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109630

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2669
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	PB129595BL		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	06/17/2020	14:05
2	L2811-04		1	5.02	50	2.00	1.78	3.44	1.66	0.34	0.12	9.56	06/17/2020	14:08
3	L2811-04DUP		1	5.04	50	2.00	3.44	5.12	1.68	0.32	0.10	7.94	06/17/2020	14:12
4	L2815-10		1	5.05	50	2.00	5.12	6.88	1.76	0.24	0.02	1.58	06/17/2020	14:15
5	L3024-02		1	5.00	50	2.00	6.88	8.54	1.66	0.34	0.12	9.60	06/17/2020	14:18
6	L3024-05		1	5.02	50	2.00	0.00	1.60	1.60	0.40	0.18	14.34	06/17/2020	14:22
7	L3024-08		1	5.03	50	2.00	1.60	3.34	1.74	0.26	0.04	3.18	06/17/2020	14:25
8	L3024-11		1	5.04	50	2.00	3.34	5.10	1.76	0.24	0.02	1.59	06/17/2020	14:28
9	L3024-14		1	5.02	50	2.00	5.10	6.82	1.72	0.28	0.06	4.78	06/17/2020	14:30
10	L3024-17		1	5.01	50	2.00	0.00	1.68	1.68	0.32	0.10	7.98	06/17/2020	14:32
11	L3024-20		1	5.05	50	2.00	1.68	3.42	1.74	0.26	0.04	3.17	06/17/2020	14:35
12	L3024-23		1	5.02	50	2.00	3.42	5.14	1.72	0.28	0.06	4.78	06/17/2020	14:38

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

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13	L3030-01		1	5.01	50	2.00	5.14	6.84	1.70	0.30	0.08	6.39	06/17/2020	14:40

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