

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109768

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	PB129769BL		1	5.01	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	06/26/2020	12:05
2	L2810-16		1	5.05	50	2.00	1.96	3.88	1.92	0.08	0.04	3.17	06/26/2020	12:08
3	L2810-16DUP		1	5.04	50	2.00	3.88	5.82	1.94	0.06	0.02	1.59	06/26/2020	12:12
4	L2815-15		1	5.05	50	2.00	5.82	7.68	1.86	0.14	0.10	7.92	06/26/2020	12:15
5	L2817-14		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.12	9.56	06/26/2020	12:18
6	L3111-04		1	5.06	50	2.00	1.84	3.72	1.88	0.12	0.08	6.32	06/26/2020	12:22
7	L3111-09		1	5.02	50	2.00	3.72	5.50	1.78	0.22	0.18	14.34	06/26/2020	12:25
8	L3111-10		1	5.04	50	2.00	5.50	7.28	1.78	0.22	0.18	14.29	06/26/2020	12:28
9	L3113-02		1	5.08	50	2.00	0.00	1.92	1.92	0.08	0.04	3.15	06/26/2020	12:30
10	L3114-02		1	5.07	50	2.00	1.92	3.80	1.88	0.12	0.08	6.31	06/26/2020	12:32
11	L3115-02		1	5.04	50	2.00	3.80	5.74	1.94	0.06	0.02	1.59	06/26/2020	12:35
12	L3126-04		1	5.06	50	2.00	5.74	7.60	1.86	0.14	0.10	7.91	06/26/2020	12:38

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	L3126-08		1	5.05	50	2.00	0.00	1.80	1.80	0.20	0.16	12.67	06/26/2020	12:40
14	L3126-12		1	5.03	50	2.00	1.80	3.62	1.82	0.18	0.14	11.13	06/26/2020	12:42

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