

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111531

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
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	PB132361BL		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/15/2020	14:05
2	L4223-08		1	5.06	50	2.00	1.88	3.72	1.84	0.16	0.04	3.16	10/15/2020	14:08
3	L4226-10		1	5.03	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	10/15/2020	14:12
4	L4226-10DUP		1	5.05	50	2.00	5.58	7.40	1.82	0.18	0.06	4.75	10/15/2020	14:15
5	L4226-16		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.08	6.36	10/15/2020	14:18
6	L4227-04		1	5.08	50	2.00	1.80	3.64	1.84	0.16	0.04	3.15	10/15/2020	14:22
7	L4393-01		1	5.07	50	2.00	3.64	5.50	1.86	0.14	0.02	1.58	10/15/2020	14:25
8	L4393-02		1	5.04	50	2.00	5.50	7.32	1.82	0.18	0.06	4.76	10/15/2020	14:28
9	L4394-01		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.04	3.18	10/15/2020	14:32
10	L4395-01		1	5.05	50	2.00	1.84	3.70	1.86	0.14	0.02	1.58	10/15/2020	14:35
11	L4395-03		1	5.06	50	2.00	3.70	5.48	1.78	0.22	0.10	7.91	10/15/2020	14:38
12	L4404-02		1	5.07	50	2.00	5.48	7.30	1.82	0.18	0.06	4.73	10/15/2020	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

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13	L4406-08		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.06	4.76	10/15/2020	14:42
14	L4406-13		1	5.03	50	2.00	1.82	3.62	1.80	0.20	0.08	6.36	10/15/2020	14:45

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