

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110167

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	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	PB130419BL		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	07/23/2020	14:05
2	L3379-02		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	07/23/2020	14:08
3	L3379-02DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	07/23/2020	14:12
4	L3380-02		1	5.05	50	2.00	5.64	7.48	1.84	0.16	0.06	4.75	07/23/2020	14:15
5	L3380-04		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.04	3.20	07/23/2020	14:18
6	L3380-06		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.08	6.37	07/23/2020	14:22
7	L3381-03		1	5.03	50	2.00	3.68	5.48	1.80	0.20	0.10	7.95	07/23/2020	14:25
8	L3381-06		1	5.04	50	2.00	5.48	7.32	1.84	0.16	0.06	4.76	07/23/2020	14:28
9	L3381-09		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	07/23/2020	14:30
10	L3381-12		1	5.03	50	2.00	1.86	3.74	1.88	0.12	0.02	1.59	07/23/2020	14:32
11	L3381-15		1	5.00	50	2.00	3.74	5.56	1.82	0.18	0.08	6.40	07/23/2020	14:35
12	L3381-18		1	5.03	50	2.00	5.56	7.42	1.86	0.14	0.04	3.18	07/23/2020	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	L3381-21		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.06	4.75	07/23/2020	14:40
14	L3402-01		1	5.06	50	2.00	1.84	3.62	1.78	0.22	0.12	9.49	07/23/2020	14:42
15	L3402-02		1	5.01	50	2.00	3.62	5.42	1.80	0.20	0.10	7.98	07/23/2020	14:45
16	L3402-03		1	5.02	50	2.00	5.42	7.26	1.84	0.16	0.06	4.78	07/23/2020	14:48

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