

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110258

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	PB130512BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	07/28/2020	14:15
2	L3181-13		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	07/28/2020	14:18
3	L3181-13DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	07/28/2020	14:22
4	L3185-06		1	5.05	50	2.00	5.64	7.48	1.84	0.16	0.06	4.75	07/28/2020	14:25
5	L3434-02		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.04	3.20	07/28/2020	14:28
6	L3434-04		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.06	4.78	07/28/2020	14:30
7	L3439-08		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.08	6.36	07/28/2020	14:32
8	L3439-09		1	5.04	50	2.00	5.52	7.32	1.80	0.20	0.10	7.94	07/28/2020	14:35
9	L3439-10		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.12	9.56	07/28/2020	14:38
10	L3439-11		1	5.04	50	2.00	1.78	3.58	1.80	0.20	0.10	7.94	07/28/2020	14:40
11	L3439-12		1	5.05	50	2.00	3.58	5.40	1.82	0.18	0.08	6.34	07/28/2020	14:42
12	L3439-13		1	5.02	50	2.00	5.40	7.24	1.84	0.16	0.06	4.78	07/28/2020	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



Analytical Summary Report

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13	L3439-14		1	5.01	50	2.00	7.24	9.04	1.80	0.20	0.10	7.98	07/28/2020	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