

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108966

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
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	PB128606BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/01/2020	11:05
2	L2122-15		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	05/01/2020	11:08
3	L2122-15DUP		1	5.04	50	2.00	3.80	5.66	1.86	0.14	0.06	4.76	05/01/2020	11:10
4	L2436-04		1	5.05	50	2.00	5.66	7.50	1.84	0.16	0.08	6.34	05/01/2020	11:12
5	L2452-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	05/01/2020	11:15
6	L2452-04		1	5.03	50	2.00	1.86	3.68	1.82	0.18	0.10	7.95	05/01/2020	11:18
7	L2452-06		1	5.06	50	2.00	3.68	5.48	1.80	0.20	0.12	9.49	05/01/2020	11:20
8	L2452-08		1	5.04	50	2.00	5.48	7.30	1.82	0.18	0.10	7.94	05/01/2020	11:22
9	L2463-06		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.08	6.37	05/01/2020	11:25
10	L2463-12		1	5.04	50	2.00	1.84	3.66	1.82	0.18	0.10	7.94	05/01/2020	11:28
11	L2463-15		1	5.03	50	2.00	3.66	5.50	1.84	0.16	0.08	6.36	05/01/2020	11:30
12	L2463-19		1	5.03	50	2.00	5.50	7.28	1.78	0.22	0.14	11.13	05/01/2020	11:32

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	L2463-22		1	5.01	50	2.00	7.28	9.10	1.82	0.18	0.10	7.98	05/01/2020	11:35

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