

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110547

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	PB130979BL		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	08/14/2020	14:15
2	L3501-05		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.04	3.19	08/14/2020	14:18
3	L3501-05DUP		1	5.04	50	2.00	3.68	5.52	1.84	0.16	0.02	1.59	08/14/2020	14:22
4	L3502-10		1	5.05	50	2.00	5.52	7.32	1.80	0.20	0.06	4.75	08/14/2020	14:25
5	L3508-16		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.04	3.20	08/14/2020	14:28
6	L3659-02		1	5.06	50	2.00	1.82	3.60	1.78	0.22	0.08	6.32	08/14/2020	14:32
7	L3659-05		1	5.03	50	2.00	3.60	5.44	1.84	0.16	0.02	1.59	08/14/2020	14:35
8	L3659-08		1	5.04	50	2.00	5.44	7.24	1.80	0.20	0.06	4.76	08/14/2020	14:38
9	L3678-04		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	08/14/2020	14:42
10	L3682-06		1	5.03	50	2.00	1.86	3.66	1.80	0.20	0.06	4.77	08/14/2020	14:45
11	L3682-07		1	5.04	50	2.00	3.66	5.48	1.82	0.18	0.04	3.17	08/14/2020	14:48
12	L3682-08		1	5.05	50	2.00	5.48	7.24	1.76	0.24	0.10	7.92	08/14/2020	14:50

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	L3682-09		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.02	1.59	08/14/2020	14:52
14	L3682-10		1	5.03	50	2.00	1.84	3.64	1.80	0.20	0.06	4.77	08/14/2020	14:55

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